

# **PROJECT BASELINE AGREEMENT**

## **Capital Region Freight I-80 / I-5 / Elkhorn**

03-3F231 – Capital Region Freight I-80

03-4H581 – Capital Region Freight I-5

Capital Region Freight Elkhorn

ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017  
PROJECT BASELINE AGREEMENT  
Capital Region Freight I-80 / I-5 / Elkhorn

Resolution \_\_\_\_\_ TCEP-P-2021-07B \_\_\_\_\_  
(will be completed by CTC)

**1. FUNDING PROGRAM**

- Active Transportation Program
- Local Partnership Program (Competitive)
- Solutions for Congested Corridors Program
- State Highway Operation and Protection Program
- Trade Corridor Enhancement Program

**2. PARTIES AND DATE**

- 2.1 This Project Baseline Agreement (Agreement) for the *Capital Region Freight I-80 / I-5 / Elkhorn*, effective on, \_\_\_\_\_ June 23, 2021 \_\_\_\_\_ (will be completed by CTC), is made by and between the California Transportation Commission (Commission), the California Department of Transportation (Caltrans), the Project Applicant, *Caltrans, SACOG, and PCTPA* \_\_\_\_\_, and the Implementing Agency, *Caltrans and Sacramento County* \_\_\_\_\_, sometimes collectively referred to as the “Parties”.

**3. RECITAL**

- 3.2 Whereas at its December 2, 2020 meeting the Commission approved the Trade Corridor Enhancement Program, and included in this program of projects the *Capital Region Freight I-80 / I-5 / Elkhorn*, the parties are entering into this Project Baseline Agreement to document the project cost, schedule, scope and benefits, as detailed on the Project Programming Request Form attached hereto as Exhibit A and the Project Report attached hereto as Exhibit B, as the baseline for project monitoring by the Commission.
- 3.3 The undersigned Project Applicant certifies that the funding sources cited are committed and expected to be available; the estimated costs represent full project funding; and the scope and description of benefits is the best estimate possible.

**4. GENERAL PROVISIONS**

The Project Applicant, Implementing Agency, and Caltrans agree to abide by the following provisions:

- 4.1 To meet the requirements of the Road Repair and Accountability Act of 2017 (Senate Bill [SB] 1, Chapter 5, Statutes of 2017) which provides the first significant, stable, and on-going increase in state transportation funding in more than two decades.
- 4.2 To adhere, as applicable, to the provisions of the Commission:
- Resolution *Insert Number* \_\_\_\_\_, “Adoption of Program of Projects for the Active Transportation Program”, dated \_\_\_\_\_
  - Resolution *Insert Number* \_\_\_\_\_, “Adoption of Program of Projects for the Local Partnership Program”, dated \_\_\_\_\_
  - Resolution *Insert Number* \_\_\_\_\_, “Adoption of Program of Projects for the Solutions for Congested Corridors Program”, dated \_\_\_\_\_
  - Resolution *Insert Number* \_\_\_\_\_, “Adoption of Program of Projects for the State Highway Operation and Protection Program”, dated \_\_\_\_\_
  - Resolution G-20-77, “Adoption of Program of Projects for the Trade Corridor Enhancement Program”, dated December 2, 2020

- 4.3 All signatories agree to adhere to the Commission's Trade Corridor Enhancement Program, Guidelines. Any conflict between the programs will be resolved at the discretion of the Commission.
- 4.4 All signatories agree to adhere to the Commission's SB 1 Accountability and Transparency Guidelines and policies, and program and project amendment processes.
- 4.5 The agencies, as identified in Section 5.3 b) agrees to secure funds for any additional costs of the project.
- 4.6 The Caltrans, Sacramento County agrees to report to Caltrans on a quarterly basis; after July 2019, reports will be on a semi-annual basis on the progress made toward the implementation of the project, including scope, cost, schedule, outcomes, and anticipated benefits.
- 4.7 Caltrans agrees to prepare program progress reports on a quarterly basis; after July 2019, reports will be on a semi-annual basis and include information appropriate to assess the current state of the overall program and the current status of each project identified in the program report.
- 4.8 The Caltrans, Sacramento County and PCTPA agrees to submit a timely Completion Report and Final Delivery Report as specified in the Commission's SB 1 Accountability and Transparency Guidelines.
- 4.9 All signatories agree to maintain and make available to the Commission and/or its designated representative, all work related documents, including without limitation engineering, financial and other data, and methodologies and assumptions used in the determination of project benefits during the course of the project, and retain those records for four years from the date of the final closeout of the project. Financial records will be maintained in accordance with Generally Accepted Accounting Principles.
- 4.10 The Transportation Inspector General of the Independent Office of Audits and Investigations has the right to audit the project records, including technical and financial data, of the Department of Transportation, the Project Applicant, the Implementing Agency, and any consultant or sub-consultants at any time during the course of the project and for four years from the date of the final closeout of the project, therefore all project records shall be maintained and made available at the time of request. Audits will be conducted in accordance with Generally Accepted Government Auditing Standards.

**5. SPECIFIC PROVISIONS AND CONDITIONS**

5.1 Project Schedule and Cost

See Project Programming Request Form, attached as Exhibit A.

5.2 Project Scope

See Project Report or equivalent, attached as Exhibit B. At a minimum, the attachment shall include the cover page, evidence of approval, executive summary, and a link to or electronic copy of the full document.

5.3 Other Project Specific Provisions and Conditions

a) In the event of a cost overrun the state will cover a share proportionate to the state contribution of the TCEP funding identified in the Project Programming Request (PPR) submitted with this baseline agreement. (For example, if the state/regional TCEP funding share was a 40/60 ratio, the state may fund no more than 40% of the cost overrun.)

| b) Project | PPNO  | Applicant Agencies     | Implementing Agency | Responsible for Cost Overruns   |
|------------|-------|------------------------|---------------------|---------------------------------|
| I-80       | 5101A | Caltrans, PCTPA        | Caltrans            | Caltrans, PCTPA                 |
| I-5        | 5876  | Caltrans, PCTPA        | Caltrans            | Caltrans, PCTPA                 |
| Elkhorn    | 1812  | Caltrans, SACOG, PCTPA | Sacramento County   | SACOG, PCTPA, Sacramento County |

**Attachments:**

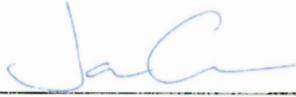
Exhibit A: Project Programming Request Form

Exhibit B: Project Report

SIGNATURE PAGE  
TO  
PROJECT BASELINE AGREEMENT

Capital Region Freight I-80 / I-5 / Elkhorn Link

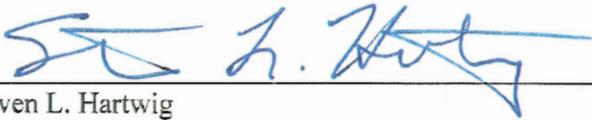
Resolution TCEP-P-2021-07B



James Corless  
Executive Director  
Sacramento Area Council of Governments  
Project Applicant

4/26/2021

Date



Steven L. Hartwig  
Deputy County Executive, Public Works & Infrastructure  
Sacramento County  
Implementing Agency

4/9/2021

Date



Mike Luken  
Executive Director  
Placer County Transportation Planning Agency  
Project Applicant

4/5/2021

Date



Amarjeet S. Benipal  
District 3 Director  
California Department of Transportation  
Implementing Agency

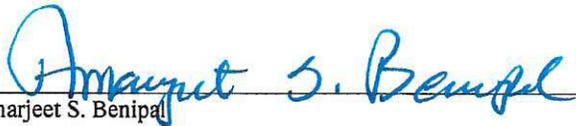
5/17/2021

Date

SIGNATURE PAGE  
TO  
PROJECT BASELINE AGREEMENT

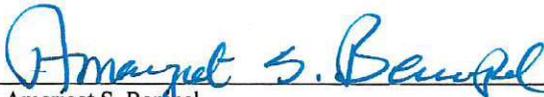
Capital Region Freight I-80 / I-5 / Elkhorn

Resolution TCEP-P-2021-07B

  
Amarjeet S. Benipal \_\_\_\_\_ Date 5/17/2021

District 3 Director, California Department of Transportation

Project Applicant

  
Amarjeet S. Benipal \_\_\_\_\_ Date 5/17/2021

District 3 Director, California Department of Transportation

Implementing Agency

  
Amarjeet S. Benipal \_\_\_\_\_ Date 5/17/2021

District Director

California Department of Transportation

  
Toks Omishakin \_\_\_\_\_ Date 6/17/21

Director

California Department of Transportation

  
Mitchell Weiss \_\_\_\_\_ Date 07/16/21

Executive Director

California Transportation Commission

## **Exhibit A:**

I-80 Project Programming Request (PPR)

I-5 Project Programming Request (PPR)

Elkhorn Project Programming Request (PPR)

# **I-80 Project Programming Request (PPR)**

|   |       |            |              |  |                |                     |
|---|-------|------------|--------------|--|----------------|---------------------|
| Amendment (Existing Project) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO  |       |            |              |  | Date           | 05/24/2021 14:06:09 |
| Programs <input type="checkbox"/> LPP-C <input type="checkbox"/> LPP-F <input type="checkbox"/> SCCP <input type="checkbox"/> TCEP <input type="checkbox"/> STIP <input type="checkbox"/> Other |       |            |              |  |                |                     |
| District  | EA    | Project ID | PPNO         | Nominating Agency  |                |                     |
| 03  | 3F321 | 0321000122 | 5101A        | Caltrans HQ  |                |                     |
| County  | Route | PM Back    | PM Ahead     | Co-Nominating Agency                                     |                |                     |
| Placer  | 80    | 0.100      | 2.200        | Sacramento Area Council of Governments, Placer County Tr |                |                     |
|   |       |            |              | MPO  | Element        |                     |
|   |       |            |              | SACOG  | Capital Outlay |                     |
| Project Manager/Contact   |       |            | Phone        | Email Address  |                |                     |
| Mohan V. Bonala   |       |            | 530-788-3259 | mohan.bonala@dot.ca.gov                                  |                |                     |

**Project Title**

Capital Region Freight - I-80

**Location (Project Limits), Description (Scope of Work)**

In Placer County, from Douglas Boulevard to Riverside Avenue. In the westbound direction, the project adds a 5th through lane on I-80 from east of Douglas Boulevard to west of Riverside Avenue in the city of Roseville. This improvement also includes reducing the existing I-80 westbound two-lane off-ramp at Douglas Boulevard to one-lane, and modifying the Douglas Boulevard on-ramps, Riverside Avenue off-ramp and northbound on-ramp to accommodate the new lane.

| Component    | Implementing Agency                          |
|--------------|--|
| PA&ED        | Placer County Transportation Planning Agency |
| PS&E         | Placer County Transportation Planning Agency |
| Right of Way | Placer County Transportation Planning Agency |
| Construction | Caltrans HQ                                  |

**Legislative Districts**

|           |   |         |   |                |   |
|-----------|---|---------|---|----------------|---|
| Assembly: | 6 | Senate: | 4 | Congressional: | 4 |
|-----------|---|---------|---|----------------|---|

| Project Milestone   | Existing   | Proposed   |
|---|------------|------------|
| Project Study Report Approved                                       |            |            |
| Begin Environmental (PA&ED) Phase                                   | 03/03/2014 | 03/03/2014 |
| Circulate Draft Environmental Document                              | 01/11/2016 | 01/11/2016 |
| Draft Project Report  | 10/14/2016 | 10/14/2016 |
| End Environmental Phase (PA&ED Milestone)                           | 10/14/2016 | 10/14/2016 |
| Begin Design (PS&E) Phase   | 03/12/2018 | 03/12/2018 |
| End Design Phase (Ready to List for Advertisement Milestone)        | 05/28/2021 | 04/29/2022 |
| Begin Right of Way Phase  | 12/09/2019 | 12/09/2019 |
| End Right of Way Phase (Right of Way Certification Milestone)       | 04/02/2021 | 08/31/2021 |
| Begin Construction Phase (Contract Award Milestone)                 | 10/08/2021 | 11/14/2022 |
| End Construction Phase (Construction Contract Acceptance Milestone) | 12/29/2023 | 03/24/2025 |
| Begin Closeout Phase  | 01/02/2024 | 03/26/2025 |
| End Closeout Phase (Closeout Report)                                | 01/31/2025 | 12/01/2028 |

Date 05/24/2021 14:06:09

**Purpose and Need**

The purpose of this project is to provide a 5th through lane, which will reduce vehicle delay, improve travel time reliability of goods movement, and facilitate smoother traffic flow and substantially increase freight throughput along this segment. The project is needed because the existing 4th mixed-flow lane on westbound I-80 ends at the Douglas Boulevard off-ramp and begins again at the Riverside Avenue on-ramp, resulting in reduced lanes along this section of I-80. I-80 is one of the primary east-west transcontinental interstate highways, serving as an important freight transportation corridor for the United States. It is estimated that I-80 through Placer County carries \$4.7 million dollars an hour in goods movement. The reliability of goods movement along the I-80 corridor depends on continued investment in priority projects such as the Capital Region Freight Improvement Project: Interstate 80 Westbound Gap Closure Project. The Interstate 80 Westbound Gap Closure Project is needed because I-80 between Douglas Boulevard to Riverside Avenue is experiencing operational problems caused by high peak period traffic volumes along with an existing freeway configuration that currently impedes the smooth flow of traffic.

|   |   |  |
|---|---|--|
| NHS Improvements <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO                            | Roadway Class 1   | Reversible Lane Analysis <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Inc. Sustainable Communities Strategy Goals <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Reduce Greenhouse Gas Emissions <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |  |

**Project Outputs**

| Category                | Outputs                         | Unit  | Total |
|-------------------------|---------------------------------|-------|-------|
| Operational Improvement | Ramp modifications              | EA    | 2     |
| Pavement (lane-miles)   | Mixed flow mainline constructed | Miles | 2.1   |

Date 05/24/2021 14:06:09

**Additional Information**

Project Benefits: The project will add a 5th lane on westbound I-80 between Douglas Boulevard and Riverside Avenue, which will deliver congestion relief and safety benefits, and reduce delay thereby improving travel time reliability of goods movement; as well as substantially increase freight throughput along this segment of the corridor.

ePPR "EA": Need to update this ePPR "EA" to 3F231. CTIPs has been updated to reflect the updated "EA."

Reversible Lane Analysis not applicable.

| Performance Indicators and Measures |                        |   |                 |            |                 |           |
|-------------------------------------|------------------------|---|-----------------|------------|-----------------|-----------|
| Measure                             | Required For           | Indicator/Measure   | Unit            | Build      | Future No Build | Change    |
| Congestion Reduction                | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
|                                     | TCEP                   | Daily Truck Trips   | # of Trips      | 0          | 0               | 0         |
|                                     | TCEP                   | Daily Truck Miles Traveled  | Miles           | 0          | 0               | 0         |
| Throughput                          | TCEP                   | Change in Truck Volume That Can Be Accommodated                       | # of Trucks     | 57,312,099 | 56,227,414      | 1,084,685 |
|                                     | TCEP                   | Change in Rail Volume That Can Be Accommodated                        | # of Trailers   | 0          | 0               | 0         |
|                                     |                        |   | # of Containers | 0          | 0               | 0         |
|                                     | TCEP                   | Change in Cargo Volume That Can Be Accommodated                       | # of Tons       | 0          | 0               | 0         |
| # of Containers                     |                        |   | 0               | 0          | 0               |           |
| System Reliability                  | TCEP                   | Truck Travel Time Reliability Index                                   | Index           | 1.23       | 2.05            | -0.82     |
|                                     | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
| Velocity                            | TCEP                   | Travel Time or Total Cargo Transport Time                             | Hours           | 19.14      | 22.92           | -3.78     |
|                                     | Optional               | Average Peak Period Weekday Speed for Road Facility                   | Miles per Hour  | 50         | 35              | 15        |
| Air Quality & GHG                   | LPPF, LPPC, SCCP, TCEP | Particulate Matter  | PM 2.5 Tons     | 0.69       | 0.64            | 0.05      |
|                                     |                        |   | PM 10 Tons      | 0.82       | 0.81            | 0.01      |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Dioxide (CO2)  | Tons            | 106,206    | 110,930         | -4,724    |
|                                     | LPPF, LPPC, SCCP, TCEP | Volatile Organic Compounds (VOC)                                      | Tons            | 38.8       | 40.2            | -1.4      |
|                                     | LPPF, LPPC, SCCP, TCEP | Sulphur Dioxides (SOx)  | Tons            | 1.03       | 1.08            | -0.05     |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Monoxide (CO)  | Tons            | 656        | 679             | -23       |
| Safety                              | LPPF, LPPC, SCCP, TCEP | Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries | Number          | 0          | 0               | 0         |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Fatalities  | Number          | 9          | 11              | -2        |
|                                     | LPPF, LPPC, SCCP, TCEP | Fatalities per 100 Million VMT  | Number          | 2.39       | 2.98            | -0.59     |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries  | Number          | 218        | 324             | -106      |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries per 100 Million VMT                        | Number          | 53.06      | 82.9            | -29.84    |
| Economic Development                | LPPF, LPPC, SCCP, TCEP | Jobs Created (Direct and Indirect)                                    | Number          | 38,700     | 0               | 38,700    |
| Cost Effectiveness                  | LPPF, LPPC, SCCP, TCEP | Cost Benefit Ratio  | Ratio           | 3.52       | 0               | 3.52      |

|  |  |  |  |  |  |
|--|--|--|--|--|--|
|  |  |  |  |  |  |
|--|--|--|--|--|--|

Project Title  
 Capital Region Freight - I-80

| Existing Total Project Cost (\$1,000s) |       |        |       |       |       |       |        |       | Implementing Agency                  |                                      |
|--|-------|--------|-------|-------|-------|-------|--------|-------|--------------------------------------|--------------------------------------|
| Component                              | Prior | 21-22  | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total |                                      |                                      |
| E&P (PA&ED)                            |       |        |       |       |       |       |        |       | Placer County Transportation Plannin |                                      |
| PS&E                                   |       |        |       |       |       |       |        |       |                                      |                                      |
| R/W SUP (CT)                           |       |        |       |       |       |       |        |       |                                      |                                      |
| CON SUP (CT)                           |       | 2,118  |       |       |       |       |        |       |                                      | Caltrans HQ                          |
| R/W                                    |       |        |       |       |       |       |        |       |                                      | Placer County Transportation Plannin |
| CON                                    |       | 17,727 |       |       |       |       |        |       |                                      | Caltrans HQ                          |
| TOTAL                                  |       | 19,845 |       |       |       |       |        |       |                                      |                                      |

| Proposed Total Project Cost (\$1,000s) |       |        |       |       |       |       |        |        | Notes |
|--|-------|--------|-------|-------|-------|-------|--------|--------|-------|
| Component                              | Prior | 21-22  | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total  |       |
| E&P (PA&ED)                            | 5     |        |       |       |       |       |        | 405    |       |
| PS&E                                   | 1,412 |        |       |       |       |       |        | 1,412  |       |
| R/W SUP (CT)                           | 10    | 105    |       |       |       |       |        | 115    |       |
| CON SUP (CT)                           |       | 2,955  |       |       |       |       |        | 2,955  |       |
| R/W                                    | 466   |        |       |       |       |       |        | 466    |       |
| CON                                    |       | 21,545 |       |       |       |       |        | 21,545 |       |
| TOTAL                                  | 2,293 | 24,605 |       |       |       |       |        | 26,898 |       |

Fund #1: Other Fed - NATIONAL CORRIDOR INFRASTRUCTURE IMPROVEMENT PROGRA (Co) Program Code

| Existing Funding (\$1,000s) |       |       |       |       |       |       |        |       | Funding Agency                       |
|-----------------------------|-------|-------|-------|-------|-------|-------|--------|-------|--------------------------------------|
| Component                   | Prior | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total |                                      |
| E&P (PA&ED)                 | 405   |       |       |       |       |       |        | 405   | Placer County Transportation Plannin |
| PS&E                        |       |       |       |       |       |       |        |       |                                      |
| R/W SUP (CT)                |       |       |       |       |       |       |        |       |                                      |
| CON SUP (CT)                |       |       |       |       |       |       |        |       |                                      |
| R/W                         |       |       |       |       |       |       |        |       |                                      |
| CON                         |       |       |       |       |       |       |        |       |                                      |
| TOTAL                       | 405   |       |       |       |       |       |        | 405   |                                      |

| Proposed Funding (\$1,000s) |       |       |       |       |       |       |        |       | Notes |
|-----------------------------|-------|-------|-------|-------|-------|-------|--------|-------|-------|
| Component                   | Prior | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total |       |
| E&P (PA&ED)                 | 405   |       |       |       |       |       |        | 405   |       |
| PS&E                        |       |       |       |       |       |       |        |       |       |
| R/W SUP (CT)                |       |       |       |       |       |       |        |       |       |
| CON SUP (CT)                |       |       |       |       |       |       |        |       |       |
| R/W                         |       |       |       |       |       |       |        |       |       |
| CON                         |       |       |       |       |       |       |        |       |       |
| TOTAL                       | 405   |       |       |       |       |       |        | 405   |       |



|                             |  |       |       |       |       |       |        |       |                                      |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|--------------------------------------|
| Fund #4:                    | Other Fed - Highway Infrastructure Program (HIP) (Committed) |       |       |       |       |       |        |       | Program Code                         |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       | 20.30.010.300                        |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                       |
| E&P (PA&ED)                 | 675  |       |       |       |       |       |        |       | Placer County Transportation Plannin |
| PS&E                        |  |       |       |       |       |       |        | 675   |                                      |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                      |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                      |
| R/W                         | 160  |       |       |       |       |       |        | 160   |                                      |
| CON                         |  | 75    |       |       |       |       |        | 75    |                                      |
| TOTAL                       | 835  | 75    |       |       |       |       |        | 910   |                                      |

|                             |     |    |  |  |  |  |  |     |       |
|-----------------------------|-----|----|--|--|--|--|--|-----|-------|
| Proposed Funding (\$1,000s) |     |    |  |  |  |  |  |     | Notes |
| E&P (PA&ED)                 |     |    |  |  |  |  |  |     |       |
| PS&E                        | 648 |    |  |  |  |  |  | 648 |       |
| R/W SUP (CT)                |     |    |  |  |  |  |  |     |       |
|                             | 160 |    |  |  |  |  |  | 160 |       |
| CON                         |     | 75 |  |  |  |  |  | 75  |       |
| TOTAL                       | 808 | 75 |  |  |  |  |  | 883 |       |

|                             |                              |       |       |       |       |       |        |       |                                      |
|-----------------------------|------------------------------|-------|-------|-------|-------|-------|--------|-------|--------------------------------------|
| Fund #5:                    | RSTP - STP Local (Committed) |       |       |       |       |       |        |       | Program Code                         |
| Existing Funding (\$1,000s) |                              |       |       |       |       |       |        |       | 20.30.010.810                        |
| Component                   | Prior                        | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                       |
| E&P (PA&ED)                 |                              |       |       |       |       |       |        |       | Placer County Transportation Plannin |
| PS&E                        |                              |       |       |       |       |       |        |       |                                      |
| R/W SUP (CT)                |                              |       |       |       |       |       |        |       |                                      |
| CON SUP (CT)                |                              |       |       |       |       |       |        |       |                                      |
| R/W                         |                              |       |       |       |       |       |        |       |                                      |
| CON                         |                              | 3,000 |       |       |       |       |        | 3,000 |                                      |
| TOTAL                       |                              | 3,000 |       |       |       |       |        | 3,000 |                                      |

|                             |  |       |  |  |  |  |  |       |       |
|-----------------------------|--|-------|--|--|--|--|--|-------|-------|
| Proposed Funding (\$1,000s) |  |       |  |  |  |  |  |       | Notes |
| E&P (PA&ED)                 |  |       |  |  |  |  |  |       |       |
| PS&E                        |  |       |  |  |  |  |  |       |       |
| R/W SUP (CT)                |  |       |  |  |  |  |  |       |       |
| CON SUP (CT)                |  |       |  |  |  |  |  |       |       |
| R/W                         |  |       |  |  |  |  |  |       |       |
| CON                         |  | 3,000 |  |  |  |  |  | 3,000 |       |
| TOTAL                       |  | 3,000 |  |  |  |  |  | 3,000 |       |

| Fund #6:                    | Local Funds - Traffic Impact Fees (Committed)        |       |       |       |       |       |        |       | Program Code  |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|---|
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       | 20.10.400.100   |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency  |
| E&P (PA&ED)                 | 200  |       |       |       |       |       |        |       | Placer County Transportation Plannin  |
| PS&E                        |  |       |       |       |       |       |        | 200   |   |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |   |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |   |
| R/W                         | 200  |       |       |       |       |       |        | 200   | South Placer Regional<br>Transportation Authority (SPRTA)<br>funding allocation to PCTPA. |
| CON                         |  |       |       |       |       |       |        |       |   |
| TOTAL                       | 400  |       |       |       |       |       |        | 400   |   |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes   |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |   |
| PS&E                        | 200  |       |       |       |       |       |        | 200   |   |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |   |
|                             | 200  |       |       |       |       |       |        | 200   |   |
| CON                         |  |       |       |       |       |       |        |       |   |
| TOTAL                       | 400  |       |       |       |       |       |        | 400   |   |
| Fund #7:                    | Local Funds - Local Transportation Funds (Committed) |       |       |       |       |       |        |       | Program Code  |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       | 20.10.400.100   |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency  |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Placer County Transportation Plannin  |
| PS&E                        |  |       |       |       |       |       |        |       |   |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |   |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |   |
| R/W                         |  |       |       |       |       |       |        |       |   |
| CON                         |  | 470   |       |       |       |       |        | 470   |   |
| TOTAL                       |  | 470   |       |       |       |       |        | 470   |   |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes   |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |   |
| PS&E                        |  |       |       |       |       |       |        |       |   |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |   |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |   |
| R/W                         |  |       |       |       |       |       |        |       |   |
| CON                         |  | 471   |       |       |       |       |        | 471   |   |
| TOTAL                       |  | 471   |       |       |       |       |        | 471   |   |

|                             |  |       |       |       |       |       |        |       |                          |               |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|--------------------------|---------------|
| Fund #8:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       | Program Code             |               |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       | 20.XX.723.100            |               |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency           |               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP State Allocation    |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| CON SUP (CT)                |  | 2,118 |       |       |       |       |        | 2,118 |                          |               |
| R/W                         |  |       |       |       |       |       |        |       |                          |               |
| CON                         |  | 4,402 |       |       |       |       |        | 4,402 |                          |               |
| TOTAL                       |  | 6,520 |       |       |       |       |        | 6,520 |                          |               |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       |                          | Notes         |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | State                    |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
|                             |  | 2,118 |       |       |       |       |        | 2,118 |                          |               |
| CON                         |  | 4,402 |       |       |       |       |        | 4,402 |                          |               |
| TOTAL                       |  | 6,520 |       |       |       |       |        | 6,520 |                          |               |
| Fund #9:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       |                          | Program Code  |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                          | 20.XX.723.200 |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency           |               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP Regional Allocation |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| R/W                         |  |       |       |       |       |       |        |       |                          |               |
| CON                         |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |
| TOTAL                       |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       |                          | Notes         |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Regional                 |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| R/W                         |  |       |       |       |       |       |        |       |                          |               |
| CON                         |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |
| TOTAL                       |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |

|                             |  |       |       |       |       |       |        |       |   |              |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|---|--------------|
| Fund #10:                   | Other Fed - Highway Infrastructure Program (HIP) (Committed)               |       |       |       |       |       |        |       | Program Code                            |              |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |   |              |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                          |              |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |   |              |
| PS&E                        |  |       |       |       |       |       |        |       |   |              |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |   |              |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |   |              |
| R/W                         |  |       |       |       |       |       |        |       |   |              |
| CON                         |  |       |       |       |       |       |        |       |   |              |
| TOTAL                       |  |       |       |       |       |       |        |       |   |              |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       |   | Notes        |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | 2021 HIP fund allocation                |              |
| PS&E                        |  |       |       |       |       |       |        |       |   |              |
| R/W SUP (CT)                |  | 105   |       |       |       |       |        | 105   |   |              |
|                             |  |       |       |       |       |       |        |       |   |              |
| CON                         |  | 190   |       |       |       |       |        | 190   |   |              |
| TOTAL                       |  | 295   |       |       |       |       |        | 295   |   |              |
| Fund #11:                   | Other Fed - Coronavirus Response and Relief Supplemental Appro (Committed) |       |       |       |       |       |        |       |   | Program Code |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |   |              |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                          |              |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Placer County Transportation Plannin    |              |
| PS&E                        |  |       |       |       |       |       |        |       |   |              |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |   |              |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |   |              |
| R/W                         |  |       |       |       |       |       |        |       |   |              |
| CON                         |  |       |       |       |       |       |        |       |   |              |
| TOTAL                       |  |       |       |       |       |       |        |       |   |              |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       |   | Notes        |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Federal stimulus funds - STBG<br>CRRSAA |              |
| PS&E                        |  |       |       |       |       |       |        |       |   |              |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |   |              |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |   |              |
| R/W                         |  |       |       |       |       |       |        |       |   |              |
| CON                         |  | 467   |       |       |       |       |        | 467   |   |              |
| TOTAL                       |  | 467   |       |       |       |       |        | 467   |   |              |

| Fund #12:                   | Local Funds - Local Transportation Funds (Committed) |       |       |       |       |       |        |       | Program Code                        |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|-------------------------------------|
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                     |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                      |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |                                     |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| R/W                         |  |       |       |       |       |       |        |       |                                     |
| CON                         |  |       |       |       |       |       |        |       |                                     |
| TOTAL                       |  |       |       |       |       |       |        |       |                                     |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Local Agency funds                  |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
|                             |  | 837   |       |       |       |       |        | 837   |                                     |
| CON                         |  | 1,528 |       |       |       |       |        | 1,528 |                                     |
| TOTAL                       |  | 2,365 |       |       |       |       |        | 2,365 |                                     |
| Fund #13:                   | RIP - COVID Relief Funds - STIP (Committed)          |       |       |       |       |       |        |       | Program Code                        |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                     |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                      |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | California Transportation Commissio |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| R/W                         |  |       |       |       |       |       |        |       |                                     |
| CON                         |  |       |       |       |       |       |        |       |                                     |
| TOTAL                       |  |       |       |       |       |       |        |       |                                     |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |                                     |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| R/W                         |  |       |       |       |       |       |        |       |                                     |
| CON                         |  | 1,632 |       |       |       |       |        | 1,632 |                                     |
| TOTAL                       |  | 1,632 |       |       |       |       |        | 1,632 |                                     |

**Complete this page for amendments only**

Date 05/24/2021 14:06:09

| District | County | Route | EA    | Project ID | PPNO  |
|----------|--------|-------|-------|------------|-------|
| 03       | Placer | 80    | 3F321 | 0321000122 | 5101A |

**SECTION 1 - All Projects**

**Project Background**

Project is completing third iteration of Caltrans 100% final design constructability reviews. Project cost has increased based on these reviews and a cost escalation of 3.2% has been factored into the project cost to reflect construction (contract award milestone) beginning mid FY 22/23.

**Programming Change Requested**

Project amendment adds federal STBG CRRSAA, federal STIP CRRSAA, federal 2021 HIP allocation, and increased Local Agency fund contribution to the project funding plan to address increased costs for construction support, construction, and escalation of 3.2%.

**Reason for Proposed Change**

The project cost estimate has increased due to a variety of reasons.

1. An adjustment to reflect escalation of 3.2% for construction, construction support, right-of-way, and mitigation items to reflect construction (contract award milestone) beginning mid FY 22/23.
2. An increase in construction contingency, supplemental items, department furnished material, construction management and support costs, roadway, structure and wall items, various general items, tree mitigation, and regulatory permits.
3. Addition of gutters and slope paving behind project walls.
4. Modifications and additions in construction bid items requested by Caltrans.
5. Significant change in drainage design resulting in modification to the Stormwater Data Report, and changes to temporary water pollution controls.

If proposed change will delay one or more components, clearly explain 1) reason for the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded

Construction phase (contract award milestone) is scheduled to begin mid FY 22/23 based on updated Project Milestones.

**Other Significant Information**

None.

**SECTION 2 - For SB1 Project Only**

**Project Amendment Request (Please follow the individual SB1 program guidelines for specific criteria)**

Project amendment adds federal STBG CRRSAA, federal STIP CRRSAA, federal 2021 HIP allocation, and increased Local Agency fund contribution to the project funding plan to address increased costs for construction support, construction, and escalation of 3.2%.

**Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.

| Name (Print or Type) | Signature | Title | Date |
|----------------------|-----------|-------|------|
|                      |           |       |      |

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SECTION 3 - All Projects

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Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

## **I-5 Project Programming Request (PPR)**

|  |       |            |              |  |                     |
|--|-------|------------|--------------|--|---------------------|
| Amendment (Existing Project) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO   |       |            |              | Date   | 05/20/2021 12:04:30 |
| Programs <input type="checkbox"/> LPP-C <input type="checkbox"/> LPP-F <input type="checkbox"/> SCCP <input type="checkbox"/> TCEP <input type="checkbox"/> STIP <input checked="" type="checkbox"/> Other |       |            |              |  |                     |
| District   | EA    | Project ID | PPNO         | Nominating Agency                            |                     |
| 03   | 4H581 | 0320000240 | 5876         | Caltrans HQ                                  |                     |
| County   | Route | PM Back    | PM Ahead     | Co-Nominating Agency                         |                     |
| Sacramento   | 5     | 27.600     | 34.300       | Placer County Transportation Planning Agency |                     |
|  |       |            |              | MPO  | Element             |
|  |       |            |              | SACOG  | Capital Outlay      |
| Project Manager/Contact  |       |            | Phone        | Email Address                                |                     |
| Jess Avila   |       |            | 530-741-4533 | jess.avila@dot.ca.gov                        |                     |

**Project Title**  
 Capital Region Freight - I-5

**Location (Project Limits), Description (Scope of Work)**  
 On Interstate 5 (I-5) in Sacramento County from 0.5 mile south of Arena Blvd Interchange Interchange to 0.4 mile south of Yolo County line construct acceleration and deceleration merge lanes and Intelligent transportation system (ITS) infrastructure.

| Component    | Implementing Agency |
|--------------|---------------------|
| PA&ED        | Caltrans District 3 |
| PS&E         | Caltrans District 3 |
| Right of Way | Caltrans District 3 |
| Construction | Caltrans District 3 |

**Legislative Districts**

|           |   |         |   |                |   |
|-----------|---|---------|---|----------------|---|
| Assembly: | 9 | Senate: | 6 | Congressional: | 6 |
|-----------|---|---------|---|----------------|---|

| Project Milestone   | Existing   | Proposed   |
|---|------------|------------|
| Project Study Report Approved   | 09/28/2019 |            |
| Begin Environmental (PA&ED) Phase   |            | 01/07/2020 |
| Circulate Draft Environmental Document <span style="float: right;">Document Type CE/CE</span> |            |            |
| Draft Project Report  |            | 02/28/2021 |
| End Environmental Phase (PA&ED Milestone)   |            | 04/30/2021 |
| Begin Design (PS&E) Phase   |            | 05/01/2021 |
| End Design Phase (Ready to List for Advertisement Milestone)                                  |            | 03/24/2022 |
| Begin Right of Way Phase  |            | 05/01/2021 |
| End Right of Way Phase (Right of Way Certification Milestone)                                 |            | 03/01/2022 |
| Begin Construction Phase (Contract Award Milestone)   |            | 09/22/2022 |
| End Construction Phase (Construction Contract Acceptance Milestone)                           |            | 03/22/2024 |
| Begin Closeout Phase  |            | 04/01/2024 |
| End Closeout Phase (Closeout Report)  |            | 03/21/2025 |

Date 05/20/2021 12:04:30

**Purpose and Need**

The purpose of the proposed project is to increase freight throughput capacity to meet existing and forecasted freight truck volumes by addressing congestion that impacts freight capacity and improving freight travel time reliability and speeds through the project corridor. The section of I-5 within the proposed project limits experiences high travel demand especially during peak commute periods. As a result, the project area is subject to recurring congestion that impedes the movement of freight through the corridor and impairs mobility for vehicles and trucks further resulting in bottlenecks, increased emissions, increased travel costs, and reduced travel time reliability. The proposed project will be Phase 1 of the Sac-5 Corridor Improvement Project that will address freight mobility throughout the corridor.

NHS Improvements  YES  NO      Roadway Class 1      Reversible Lane Analysis  YES  NO  
 Inc. Sustainable Communities Strategy Goals  YES  NO      Reduce Greenhouse Gas Emissions  YES  NO

**Project Outputs**

| Category                         | Outputs                           | Unit  | Total |
|----------------------------------|-----------------------------------|-------|-------|
| Operational Improvement          | Auxiliary lanes                   | Miles | 3.6   |
| TMS (Traffic Management Systems) | Freeway ramp meters               | EA    | 8     |
| TMS (Traffic Management Systems) | Closed circuit television cameras | EA    | 2     |
| TMS (Traffic Management Systems) | Changeable message signs          | EA    | 2     |

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Date 05/20/2021 12:04:30

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**Additional Information**

Project Benefits: This project facilitates the movement of goods through the central hub of Sacramento with interregional connections to California's northern and southern counties and seaports, including the ports of West Sacramento and Stockton – the Port of Stockton being the largest bulk shipping port on the West Coast. In addition, the I-5 corridor is northern California's main conduit for goods movement between Mexico and Canada and intersects the I-80 corridor which serves as California's main highway for goods movement from eastern California and the northeastern United States to the San Francisco Bay Area.

The post miles and description were updated to reflect the correct project limits. The start post miles was input incorrectly as 27.7 instead as 27.6. Reversible Lane analysis not applicable.

| Performance Indicators and Measures |                        |   |                 |            |                 |           |
|-------------------------------------|------------------------|---|-----------------|------------|-----------------|-----------|
| Measure                             | Required For           | Indicator/Measure   | Unit            | Build      | Future No Build | Change    |
| Congestion Reduction                | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
|                                     | TCEP                   | Daily Truck Trips   | # of Trips      | 0          | 0               | 0         |
|                                     | TCEP                   | Daily Truck Miles Traveled  | Miles           | 0          | 0               | 0         |
| Throughput                          | TCEP                   | Change in Truck Volume That Can Be Accommodated                       | # of Trucks     | 57,312,099 | 56,227,414      | 1,084,685 |
|                                     | TCEP                   | Change in Rail Volume That Can Be Accommodated                        | # of Trailers   | 0          | 0               | 0         |
|                                     |                        |   | # of Containers | 0          | 0               | 0         |
|                                     | TCEP                   | Change in Cargo Volume That Can Be Accommodated                       | # of Tons       | 0          | 0               | 0         |
| # of Containers                     |                        |   | 0               | 0          | 0               |           |
| System Reliability                  | TCEP                   | Truck Travel Time Reliability Index                                   | Index           | 1.23       | 2.05            | -0.82     |
|                                     | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
| Velocity                            | TCEP                   | Travel Time or Total Cargo Transport Time                             | Hours           | 19.14      | 22.92           | -3.78     |
|                                     | Optional               | Average Peak Period Weekday Speed for Road Facility                   | Miles per Hour  | 50         | 35              | 15        |
| Air Quality & GHG                   | LPPF, LPPC, SCCP, TCEP | Particulate Matter  | PM 2.5 Tons     | 0.69       | 0.64            | 0.05      |
|                                     |                        |   | PM 10 Tons      | 0.82       | 0.81            | 0.01      |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Dioxide (CO2)  | Tons            | 106,206    | 110,930         | -4,724    |
|                                     | LPPF, LPPC, SCCP, TCEP | Volatile Organic Compounds (VOC)                                      | Tons            | 38.8       | 40.2            | -1.4      |
|                                     | LPPF, LPPC, SCCP, TCEP | Sulphur Dioxides (SOx)  | Tons            | 1.03       | 1.08            | -0.05     |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Monoxide (CO)  | Tons            | 656        | 679             | -23       |
| Safety                              | LPPF, LPPC, SCCP, TCEP | Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries | Number          | 0          | 0               | 0         |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Fatalities  | Number          | 9          | 11              | -2        |
|                                     | LPPF, LPPC, SCCP, TCEP | Fatalities per 100 Million VMT  | Number          | 2.39       | 2.98            | -0.59     |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries  | Number          | 218        | 324             | -106      |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries per 100 Million VMT                        | Number          | 53.06      | 82.9            | -29.84    |
| Economic Development                | LPPF, LPPC, SCCP, TCEP | Jobs Created (Direct and Indirect)                                    | Number          | 38,700     | 0               | 38,700    |
| Cost Effectiveness                  | LPPF, LPPC, SCCP, TCEP | Cost Benefit Ratio  | Ratio           | 3.52       | 0               | 3.52      |



|                             |  |       |       |       |       |       |        |       |                                    |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|------------------------------------|
| Fund #2:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       | Program Code                       |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                    |
| Component                   | Prior  | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26+ | Total | Funding Agency                     |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Caltrans District 3                |
| PS&E                        |  |       |       |       |       |       |        |       |                                    |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| R/W                         |  |       |       |       |       |       |        |       |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  |       |       |       |       |       |        |       |                                    |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                              |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP Regional Funds (PS&E and R/W) |
| PS&E                        |  | 1,140 |       |       |       |       |        |       |                                    |
| R/W SUP (CT)                |  | 90    |       |       |       |       |        |       |                                    |
|                             |  | 30    |       |       |       |       |        |       |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  |       |       |       |       |       |        |       |                                    |
| Fund #3:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       | Program Code                       |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                    |
| Component                   | Prior  | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26+ | Total | Funding Agency                     |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Caltrans District 3                |
| PS&E                        |  |       |       |       |       |       |        |       |                                    |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| R/W                         |  |       |       |       |       |       |        |       |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  |       |       |       |       |       |        |       |                                    |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                              |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP State Funds (PS&E and R/W)    |
| PS&E                        |  | 760   |       |       |       |       |        | 760   |                                    |
| R/W SUP (CT)                |  | 60    |       |       |       |       |        | 60    |                                    |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| R/W                         |  | 20    |       |       |       |       |        | 20    |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  | 840   |       |       |       |       |        | 840   |                                    |

| Fund #4:                           | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |        |       |       |        |        | Program Code                          |                                 |
|------------------------------------|--|-------|-------|--------|-------|-------|--------|--------|---------------------------------------|---------------------------------|
| Existing Funding (\$1,000s)        |  |       |       |        |       |       |        |        |                                       |                                 |
| Component                          | Prior  | 20-21 | 21-22 | 22-23  | 23-24 | 24-25 | 25-26+ | Total  | Funding Agency                        |                                 |
| E&P (PA&ED)                        |  |       |       |        |       |       |        |        | Caltrans District 3                   |                                 |
| PS&E                               |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
| CON SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W                                |  |       |       |        |       |       |        |        |                                       |                                 |
| CON                                |  |       |       |        |       |       |        |        |                                       |                                 |
| TOTAL                              |  |       |       |        |       |       |        |        |                                       |                                 |
| <b>Proposed Funding (\$1,000s)</b> |  |       |       |        |       |       |        |        |                                       | Notes                           |
| E&P (PA&ED)                        |  |       |       |        |       |       |        |        | TCEP Regional Funds<br>(Construction) |                                 |
| PS&E                               |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
|                                    |  |       |       | 1,871  |       |       |        |        |                                       |                                 |
| CON                                |  |       |       | 16,089 |       |       |        |        |                                       |                                 |
| TOTAL                              |  |       |       |        |       |       |        |        |                                       |                                 |
| <b>Proposed Funding (\$1,000s)</b> |  |       |       |        |       |       |        |        |                                       | Notes                           |
| E&P (PA&ED)                        |  |       |       |        |       |       |        |        |                                       | TCEP State Funds (Construction) |
| PS&E                               |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
| CON SUP (CT)                       |  |       |       | 1,629  |       |       |        | 1,629  |                                       |                                 |
| R/W                                |  |       |       |        |       |       |        |        |                                       |                                 |
| CON                                |  |       |       | 14,011 |       |       |        | 14,011 |                                       |                                 |
| TOTAL                              |  |       |       | 15,640 |       |       |        | 15,640 |                                       |                                 |

# **Elkhorn Project Programming Request (PPR)**

|  |       |                                |                               |   |                               |                                |  |
|--|-------|--------------------------------|-------------------------------|---|-------------------------------|--------------------------------|--|
| Amendment (Existing Project) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |       |                                |                               |   | Date                          | 04/29/2021 18:21:29            |  |
| Programs <input type="checkbox"/> LPP-C  |       | <input type="checkbox"/> LPP-F | <input type="checkbox"/> SCCP | <input type="checkbox"/> TCEP                           | <input type="checkbox"/> STIP | <input type="checkbox"/> Other |  |
| District   | EA    | Project ID                     | PPNO                          | Nominating Agency                                       |                               |                                |  |
| 03   |       |                                | 1812                          | Caltrans HQ   |                               |                                |  |
| County   | Route | PM Back                        | PM Ahead                      | Co-Nominating Agency                                    |                               |                                |  |
| Sacramento   |       |                                |                               | Sacramento Area Council of Governments, Placer County T |                               |                                |  |
|  |       |                                |                               | MPO   | Element                       |                                |  |
|  |       |                                |                               | SACOG   | Local Assistance              |                                |  |
| Project Manager/Contact  |       |                                | Phone                         | Email Address   |                               |                                |  |
| Frieden McLean   |       |                                | 916-534-9416                  | mcleanf@saccounty.net                                   |                               |                                |  |

**Project Title**

Capital Region Freight - Elkhorn

**Location (Project Limits), Description (Scope of Work)**

In Sacramento County, from West Elkhorn Boulevard to Crossfield Drive at Sacramento International Airport. Construct an approximately 1 mile long 4 lane-lane roadway. Project also includes the extension of utility corridor along roadway and two roundabouts on Crossfield Dr.

| Component    | Implementing Agency |
|--------------|---------------------|
| PA&ED        | Sacramento County   |
| PS&E         | Sacramento County   |
| Right of Way | Sacramento County   |
| Construction | Sacramento County   |

**Legislative Districts**

|           |   |         |   |                |   |
|-----------|---|---------|---|----------------|---|
| Assembly: | 7 | Senate: | 6 | Congressional: | 6 |
|-----------|---|---------|---|----------------|---|

| Project Milestone   | Existing   | Proposed   |
|---|------------|------------|
| Project Study Report Approved                                       |            |            |
| Begin Environmental (PA&ED) Phase                                   | 02/01/2020 | 06/01/2020 |
| Circulate Draft Environmental Document Document Type CE             | 03/01/2020 | 08/01/2020 |
| Draft Project Report  | 06/01/2020 | 04/01/2021 |
| End Environmental Phase (PA&ED Milestone)                           | 09/01/2020 | 04/23/2021 |
| Begin Design (PS&E) Phase   | 09/01/2020 | 12/01/2020 |
| End Design Phase (Ready to List for Advertisement Milestone)        | 12/31/2020 | 11/01/2021 |
| Begin Right of Way Phase  | 01/01/2021 | 03/01/2021 |
| End Right of Way Phase (Right of Way Certification Milestone)       | 01/02/2021 | 07/01/2021 |
| Begin Construction Phase (Contract Award Milestone)                 | 06/01/2021 | 03/01/2022 |
| End Construction Phase (Construction Contract Acceptance Milestone) | 12/31/2021 | 12/01/2022 |
| Begin Closeout Phase  | 01/01/2022 | 01/01/2023 |
| End Closeout Phase (Closeout Report)                                | 02/02/2022 | 03/01/2023 |

Date 04/29/2021 18:21:29

**Purpose and Need**

The purpose of the proposed project is to increase freight throughput capacity to meet existing and forecasted freight truck volumes by addressing congestion that impacts freight capacity and improving freight travel time reliability and speeds through the project corridor. The section of I-5 within the proposed project limits experiences high travel demand especially during peak commute periods. As a result, the project area is subject to recurring congestion that impedes the movement of freight through the corridor and impairs mobility for vehicles and trucks further resulting in bottlenecks, increased emissions, increased travel costs, and reduced travel time reliability. The proposed project will be Phase 1 of the Sac-5 Corridor Improvement Project that will address freight mobility throughout the corridor.

|   |   |  |
|---|---|--|
| NHS Improvements <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO                            | Roadway Class 2   | Reversible Lane Analysis <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Inc. Sustainable Communities Strategy Goals <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Reduce Greenhouse Gas Emissions <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |  |

**Project Outputs**

| Category              | Outputs          | Unit  | Total |
|-----------------------|------------------|-------|-------|
| Pavement (lane-miles) | Local road - new | Miles | 1     |

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**Additional Information**

Sacramento County Department of Airports is currently pursuing NEPA (per FAA requirements).

Reversible Lane analysis not applicable.

| Performance Indicators and Measures |                        |   |                 |            |                 |           |
|-------------------------------------|------------------------|---|-----------------|------------|-----------------|-----------|
| Measure                             | Required For           | Indicator/Measure   | Unit            | Build      | Future No Build | Change    |
| Congestion Reduction                | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
|                                     | TCEP                   | Daily Truck Trips   | # of Trips      | 0          | 0               | 0         |
|                                     | TCEP                   | Daily Truck Miles Traveled  | Miles           | 0          | 0               | 0         |
| Throughput                          | TCEP                   | Change in Truck Volume That Can Be Accommodated                       | # of Trucks     | 57,312,099 | 56,227,414      | 1,084,685 |
|                                     | TCEP                   | Change in Rail Volume That Can Be Accommodated                        | # of Trailers   | 0          | 0               | 0         |
|                                     |                        |   | # of Containers | 0          | 0               | 0         |
|                                     | TCEP                   | Change in Cargo Volume That Can Be Accommodated                       | # of Tons       | 0          | 0               | 0         |
| # of Containers                     |                        |   | 0               | 0          | 0               |           |
| System Reliability                  | TCEP                   | Truck Travel Time Reliability Index                                   | Index           | 1.23       | 2.05            | -0.82     |
|                                     | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
| Velocity                            | TCEP                   | Travel Time or Total Cargo Transport Time                             | Hours           | 19.14      | 22.92           | -3.78     |
|                                     | Optional               | Average Peak Period Weekday Speed for Road Facility                   | Miles per Hour  | 50         | 35              | 15        |
| Air Quality & GHG                   | LPPF, LPPC, SCCP, TCEP | Particulate Matter  | PM 2.5 Tons     | 0.69       | 0.64            | 0.05      |
|                                     |                        |   | PM 10 Tons      | 0.82       | 0.81            | 0.01      |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Dioxide (CO2)  | Tons            | 106,206    | 110,930         | -4,724    |
|                                     | LPPF, LPPC, SCCP, TCEP | Volatile Organic Compounds (VOC)                                      | Tons            | 38.8       | 40.2            | -1.4      |
|                                     | LPPF, LPPC, SCCP, TCEP | Sulphur Dioxides (SOx)  | Tons            | 1.03       | 1.08            | -0.05     |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Monoxide (CO)  | Tons            | 656        | 679             | -23       |
| Safety                              | LPPF, LPPC, SCCP, TCEP | Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries | Number          | 0          | 0               | 0         |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Fatalities  | Number          | 9          | 11              | -2        |
|                                     | LPPF, LPPC, SCCP, TCEP | Fatalities per 100 Million VMT  | Number          | 2.39       | 2.98            | -0.59     |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries  | Number          | 218        | 324             | -106      |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries per 100 Million VMT                        | Number          | 53.06      | 82.9            | -29.84    |
| Economic Development                | LPPF, LPPC, SCCP, TCEP | Jobs Created (Direct and Indirect)                                    | Number          | 38,700     | 0               | 38,700    |
| Cost Effectiveness                  | LPPF, LPPC, SCCP, TCEP | Cost Benefit Ratio  | Ratio           | 3.52       | 0               | 3.52      |

|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| Project Title |  |  |  |  |  |
|---------------|--|--|--|--|--|

| Existing Total Project Cost (\$1,000s) |       |       |       |       |       |       |        |       | Implementing Agency |
|--|-------|-------|-------|-------|-------|-------|--------|-------|---------------------|
| Component                              | Prior | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total |                     |
| E&P (PA&ED)                            |       |       |       |       |       |       |        |       | Sacramento County   |
| PS&E                                   |       |       |       |       |       |       |        |       | Sacramento County   |
| R/W SUP (CT)                           |       |       |       |       |       |       |        |       | Sacramento County   |
| CON SUP (CT)                           |       |       |       |       |       |       |        |       | Sacramento County   |
| R/W                                    |       |       |       |       |       |       |        |       | Sacramento County   |
| CON                                    |       |       |       |       |       |       |        |       | Sacramento County   |
| TOTAL                                  |       |       |       |       |       |       |        |       |                     |

| Proposed Total Project Cost (\$1,000s) |  |  |  |  |  |  |  |  | Notes |
|--|--|--|--|--|--|--|--|--|-------|
| E&P (PA&ED)                            |  |  |  |  |  |  |  |  |       |
| PS&E                                   |  |  |  |  |  |  |  |  |       |
| R/W SUP (CT)                           |  |  |  |  |  |  |  |  |       |
| CON SUP (CT)                           |  |  |  |  |  |  |  |  |       |
| R/W                                    |  |  |  |  |  |  |  |  |       |
| CON                                    |  |  |  |  |  |  |  |  |       |
| TOTAL                                  |  |  |  |  |  |  |  |  |       |

| Fund #1:     | Local Funds - Agency (Committed) |        |       |       |       |       |        |        | Program Code   |
|--------------|----------------------------------|--------|-------|-------|-------|-------|--------|--------|--|
|              | Existing Funding (\$1,000s)      |        |       |       |       |       |        |        | 20.10.400.100  |
| Component    | Prior                            | 21-22  | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total  | Funding Agency   |
| E&P (PA&ED)  | 1,000                            |        |       |       |       |       |        | 1,000  | Sacramento County  |
| PS&E         | 1,000                            |        |       |       |       |       |        | 1,000  | Local funding provided by the Sacramento County Department of Airports Enterprise Fund |
| R/W SUP (CT) |                                  |        |       |       |       |       |        |        |  |
| CON SUP (CT) |                                  |        |       |       |       |       |        |        |  |
| R/W          |                                  |        |       |       |       |       |        |        |  |
| CON          |                                  | 13,000 |       |       |       |       |        | 13,000 |  |
| TOTAL        | 2,000                            | 13,000 |       |       |       |       |        | 15,000 |  |

| Proposed Funding (\$1,000s) |       |        |  |  |  |  |  |        | Notes |
|-----------------------------|-------|--------|--|--|--|--|--|--------|-------|
| E&P (PA&ED)                 | 1,000 |        |  |  |  |  |  | 1,000  |       |
| PS&E                        | 1,000 |        |  |  |  |  |  | 1,000  |       |
| R/W SUP (CT)                |       |        |  |  |  |  |  |        |       |
| CON SUP (CT)                |       |        |  |  |  |  |  |        |       |
| R/W                         |       |        |  |  |  |  |  |        |       |
| CON                         |       | 13,000 |  |  |  |  |  | 13,000 |       |
| TOTAL                       | 2,000 | 13,000 |  |  |  |  |  | 15,000 |       |

|                             |  |        |       |       |       |       |        |        |                |        |
|-----------------------------|--|--------|-------|-------|-------|-------|--------|--------|----------------|--------|
| Fund #2:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |        |       |       |       |       |        |        | Program Code   |        |
| Existing Funding (\$1,000s) |  |        |       |       |       |       |        |        | 20.30.210.320  |        |
| Component                   | Prior  | 21-22  | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total  | Funding Agency |        |
| E&P (PA&ED)                 |  |        |       |       |       |       |        |        | Regional TCEP  |        |
| PS&E                        |  |        |       |       |       |       |        |        |                |        |
| R/W SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| CON SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| R/W                         |  |        |       |       |       |       |        |        |                |        |
| CON                         |  | 11,000 |       |       |       |       |        |        |                | 11,000 |
| TOTAL                       |  | 11,000 |       |       |       |       |        |        |                | 11,000 |
| Proposed Funding (\$1,000s) |  |        |       |       |       |       |        |        | Notes          |        |
| E&P (PA&ED)                 |  |        |       |       |       |       |        |        |                |        |
| PS&E                        |  |        |       |       |       |       |        |        |                |        |
| R/W SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| CON SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| R/W                         |  |        |       |       |       |       |        |        |                |        |
| CON                         |  | 11,000 |       |       |       |       |        | 11,000 |                |        |
| TOTAL                       |  | 11,000 |       |       |       |       |        | 11,000 |                |        |

**Complete this page for amendments only**

Date 04/29/2021 18:21:29

| District | County     | Route | EA | Project ID | PPNO |
|----------|------------|-------|----|------------|------|
| 03       | Sacramento |       |    |            | 1812 |

**SECTION 1 - All Projects**

**Project Background**

The Elkhorn Extension will connect SMF to an adjacent industrial park and beyond to State Route 99, it will provide a second access/egress route to the Airport, and will shift Airport-bound vehicles off heavily congested Interstate 5. SMF is the principal airport serving 3.3 million people in seven counties, and is one of the top 10 cargo airports in the state. From 2013 to 2018, SMF experienced a 71% increase in cargo tonnage. There is strong demand for investment in air cargo capacity at SMF; improved surface transportation access is essential to support continued private sector investment.

**Programming Change Requested**

Updated milestones.

**Reason for Proposed Change**

The project experienced delays during the preliminary investigation phase. Delays were attributable to stakeholder agreements, changes to project requirements, and COVID-19 impacts.

If proposed change will delay one or more components, clearly explain 1) reason for the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded

There is no increased cost as a result of the delay.

**Other Significant Information**

**SECTION 2 - For SB1 Project Only**

Project Amendment Request (Please follow the individual SB1 program guidelines for specific criteria)

Updated milestones will not impact the proposed FY funding plan.

**Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.

| Name (Print or Type) | Signature | Title | Date |
|----------------------|-----------|-------|------|
|                      |           |       |      |

**SECTION 3 - All Projects**

**Attachments**

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

## **Exhibit B:**

03-3F231 Project Report

03-4H581 Project Report

Elkhorn Intermodal Link

[\\ct.dot.ca.gov\dfs03\ALLSHARE\ppm\\_all\SB1 Baseline Project Reports\Capital Region Freight I-5 I-80 Elkhorn](\\ct.dot.ca.gov\dfs03\ALLSHARE\ppm_all\SB1 Baseline Project Reports\Capital Region Freight I-5 I-80 Elkhorn)

# PROJECT REPORT

## *For Project Approval*

On Route Interstate 80  
Between Riverside Avenue  
And Rocklin Road

I have reviewed the right-of-way information contained in this report and the right-of-way data sheet attached hereto, and find the data to be complete, current and accurate:

  
John Ballantyne, CHIEF NORTH REGION RIGHT OF WAY

APPROVAL RECOMMENDED:

  
Rod Murphy, PROJECT MANAGER

APPROVED:

  
Amaljeet S. Benipal, DISTRICT DIRECTOR

10-14-16  
DATE

# Project Report

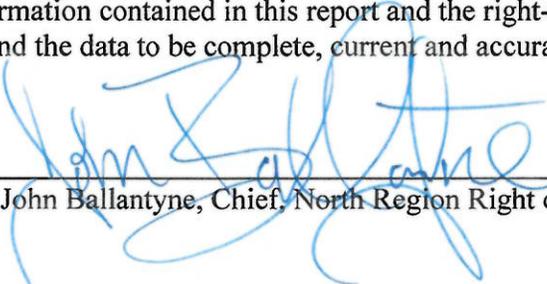
## *For Project Approval*

On Route Sac-5

Between 0.5 miles south of Arena Boulevard Overcrossing (#24-0357)

And 0.4 miles south of the Yolo County Line

I have reviewed the right-of-way information contained in this report and the right-of-way data sheet attached hereto, and find the data to be complete, current and accurate:



\_\_\_\_\_  
John Ballantyne, Chief, North Region Right of Way

APPROVAL RECOMMENDED:



\_\_\_\_\_  
Jess Avila, Project Manager

PROJECT APPROVED:



\_\_\_\_\_  
Amarjeet S. Benipal, District Director

04/30/21

\_\_\_\_\_  
Date



# ELKHORN INTERMODAL LINK

Project Report

May 5, 2021



This project report has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

**Tim Riordan**

Digitally signed by Tim Riordan  
DN: C=US, E=riordant@saccounty.net,  
O=Sacramento County, OU=Department of  
Airports, CN=Tim Riordan  
Date: 2021.05.05 13:06:36-07'00'

2021-05-05

*Tim Riordan, PE*

DATE

REGISTERED CIVIL ENGINEER



| Amendment (Existing Project) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO   |       |            |              | Date   | 05/24/2021 14:06:09 |
|--|-------|------------|--------------|--|---------------------|
| Programs <input type="checkbox"/> LPP-C <input type="checkbox"/> LPP-F <input type="checkbox"/> SCCP <input checked="" type="checkbox"/> TCEP <input type="checkbox"/> STIP <input type="checkbox"/> Other |       |            |              |  |                     |
| District   | EA    | Project ID | PPNO         | Nominating Agency  |                     |
| 03   | 3F321 | 0321000122 | 5101A        | Caltrans HQ  |                     |
| County   | Route | PM Back    | PM Ahead     | Co-Nominating Agency                                     |                     |
| Placer   | 80    | 0.100      | 2.200        | Sacramento Area Council of Governments, Placer County Tr |                     |
|  |       |            |              | MPO  | Element             |
|  |       |            |              | SACOG  | Capital Outlay      |
| Project Manager/Contact  |       |            | Phone        | Email Address  |                     |
| Mohan V. Bonala  |       |            | 530-788-3259 | mohan.bonala@dot.ca.gov                                  |                     |

**Project Title**

Capital Region Freight - I-80

**Location (Project Limits), Description (Scope of Work)**

In Placer County, from Douglas Boulevard to Riverside Avenue. In the westbound direction, the project adds a 5th through lane on I-80 from east of Douglas Boulevard to west of Riverside Avenue in the city of Roseville. This improvement also includes reducing the existing I-80 westbound two-lane off-ramp at Douglas Boulevard to one-lane, and modifying the Douglas Boulevard on-ramps, Riverside Avenue off-ramp and northbound on-ramp to accommodate the new lane.

| Component    | Implementing Agency                          |
|--------------|--|
| PA&ED        | Placer County Transportation Planning Agency |
| PS&E         | Placer County Transportation Planning Agency |
| Right of Way | Placer County Transportation Planning Agency |
| Construction | Caltrans HQ                                  |

**Legislative Districts**

|           |   |         |   |                |   |
|-----------|---|---------|---|----------------|---|
| Assembly: | 6 | Senate: | 4 | Congressional: | 4 |
|-----------|---|---------|---|----------------|---|

| Project Milestone   | Existing   | Proposed   |
|---|------------|------------|
| Project Study Report Approved   |            |            |
| Begin Environmental (PA&ED) Phase   | 03/03/2014 | 03/03/2014 |
| Circulate Draft Environmental Document <span style="float: right;">Document Type (ND/MND)/CE</span> | 01/11/2016 | 01/11/2016 |
| Draft Project Report  | 10/14/2016 | 10/14/2016 |
| End Environmental Phase (PA&ED Milestone)   | 10/14/2016 | 10/14/2016 |
| Begin Design (PS&E) Phase   | 03/12/2018 | 03/12/2018 |
| End Design Phase (Ready to List for Advertisement Milestone)  | 05/28/2021 | 04/29/2022 |
| Begin Right of Way Phase  | 12/09/2019 | 12/09/2019 |
| End Right of Way Phase (Right of Way Certification Milestone)                                       | 04/02/2021 | 08/31/2021 |
| Begin Construction Phase (Contract Award Milestone)   | 10/08/2021 | 11/14/2022 |
| End Construction Phase (Construction Contract Acceptance Milestone)                                 | 12/29/2023 | 03/24/2025 |
| Begin Closeout Phase  | 01/02/2024 | 03/26/2025 |
| End Closeout Phase (Closeout Report)  | 01/31/2025 | 12/01/2028 |

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**Purpose and Need**

The purpose of this project is to provide a 5th through lane, which will reduce vehicle delay, improve travel time reliability of goods movement, and facilitate smoother traffic flow and substantially increase freight throughput along this segment. The project is needed because the existing 4th mixed-flow lane on westbound I-80 ends at the Douglas Boulevard off-ramp and begins again at the Riverside Avenue on-ramp, resulting in reduced lanes along this section of I-80. I-80 is one of the primary east-west transcontinental interstate highways, serving as an important freight transportation corridor for the United States. It is estimated that I-80 through Placer County carries \$4.7 million dollars an hour in goods movement. The reliability of goods movement along the I-80 corridor depends on continued investment in priority projects such as the Capital Region Freight Improvement Project: Interstate 80 Westbound Gap Closure Project. The Interstate 80 Westbound Gap Closure Project is needed because I-80 between Douglas Boulevard to Riverside Avenue is experiencing operational problems caused by high peak period traffic volumes along with an existing freeway configuration that currently impedes the smooth flow of traffic.

|   |   |  |
|---|---|--|
| NHS Improvements <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO                            | Roadway Class 1   | Reversible Lane Analysis <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Inc. Sustainable Communities Strategy Goals <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | Reduce Greenhouse Gas Emissions <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |  |

| Category                | Outputs                         | Unit  | Total |
|-------------------------|---------------------------------|-------|-------|
| Operational Improvement | Ramp modifications              | EA    | 2     |
| Pavement (lane-miles)   | Mixed flow mainline constructed | Miles | 2.1   |

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**Additional Information**

Project Benefits: The project will add a 5th lane on westbound I-80 between Douglas Boulevard and Riverside Avenue, which will deliver congestion relief and safety benefits, and reduce delay thereby improving travel time reliability of goods movement; as well as substantially increase freight throughput along this segment of the corridor.

ePPR "EA": Need to update this ePPR "EA" to 3F231. CTIPs has been updated to reflect the updated "EA."

Reversible Lane Analysis not applicable.

| Performance Indicators and Measures |                        |   |                 |            |                 |           |
|-------------------------------------|------------------------|---|-----------------|------------|-----------------|-----------|
| Measure                             | Required For           | Indicator/Measure   | Unit            | Build      | Future No Build | Change    |
| Congestion Reduction                | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
|                                     | TCEP                   | Daily Truck Trips   | # of Trips      | 0          | 0               | 0         |
|                                     | TCEP                   | Daily Truck Miles Traveled  | Miles           | 0          | 0               | 0         |
| Throughput                          | TCEP                   | Change in Truck Volume That Can Be Accommodated                       | # of Trucks     | 57,312,099 | 56,227,414      | 1,084,685 |
|                                     | TCEP                   | Change in Rail Volume That Can Be Accommodated                        | # of Trailers   | 0          | 0               | 0         |
|                                     |                        |   | # of Containers | 0          | 0               | 0         |
|                                     | TCEP                   | Change in Cargo Volume That Can Be Accommodated                       | # of Tons       | 0          | 0               | 0         |
| # of Containers                     |                        |   | 0               | 0          | 0               |           |
| System Reliability                  | TCEP                   | Truck Travel Time Reliability Index                                   | Index           | 1.23       | 2.05            | -0.82     |
|                                     | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
| Velocity                            | TCEP                   | Travel Time or Total Cargo Transport Time                             | Hours           | 19.14      | 22.92           | -3.78     |
|                                     | Optional               | Average Peak Period Weekday Speed for Road Facility                   | Miles per Hour  | 50         | 35              | 15        |
| Air Quality & GHG                   | LPPF, LPPC, SCCP, TCEP | Particulate Matter  | PM 2.5 Tons     | 0.69       | 0.64            | 0.05      |
|                                     |                        |   | PM 10 Tons      | 0.82       | 0.81            | 0.01      |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Dioxide (CO2)  | Tons            | 106,206    | 110,930         | -4,724    |
|                                     | LPPF, LPPC, SCCP, TCEP | Volatile Organic Compounds (VOC)                                      | Tons            | 38.8       | 40.2            | -1.4      |
|                                     | LPPF, LPPC, SCCP, TCEP | Sulphur Dioxides (SOx)  | Tons            | 1.03       | 1.08            | -0.05     |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Monoxide (CO)  | Tons            | 656        | 679             | -23       |
| Safety                              | LPPF, LPPC, SCCP, TCEP | Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries | Number          | 0          | 0               | 0         |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Fatalities  | Number          | 9          | 11              | -2        |
|                                     | LPPF, LPPC, SCCP, TCEP | Fatalities per 100 Million VMT  | Number          | 2.39       | 2.98            | -0.59     |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries  | Number          | 218        | 324             | -106      |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries per 100 Million VMT                        | Number          | 53.06      | 82.9            | -29.84    |
| Economic Development                | LPPF, LPPC, SCCP, TCEP | Jobs Created (Direct and Indirect)                                    | Number          | 38,700     | 0               | 38,700    |
| Cost Effectiveness                  | LPPF, LPPC, SCCP, TCEP | Cost Benefit Ratio  | Ratio           | 3.52       | 0               | 3.52      |

|  |  |  |  |  |  |
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Project Title  
 Capital Region Freight - I-80

| Existing Total Project Cost (\$1,000s) |       |        |       |       |       |       |        |       | Implementing Agency                  |                                      |
|--|-------|--------|-------|-------|-------|-------|--------|-------|--------------------------------------|--------------------------------------|
| Component                              | Prior | 21-22  | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total |                                      |                                      |
| E&P (PA&ED)                            |       |        |       |       |       |       |        |       | Placer County Transportation Plannin |                                      |
| PS&E                                   |       |        |       |       |       |       |        |       |                                      |                                      |
| R/W SUP (CT)                           |       |        |       |       |       |       |        |       |                                      |                                      |
| CON SUP (CT)                           |       | 2,118  |       |       |       |       |        |       |                                      | Caltrans HQ                          |
| R/W                                    |       |        |       |       |       |       |        |       |                                      | Placer County Transportation Plannin |
| CON                                    |       | 17,727 |       |       |       |       |        |       |                                      | Caltrans HQ                          |
| TOTAL                                  |       | 19,845 |       |       |       |       |        |       |                                      |                                      |

| Proposed Total Project Cost (\$1,000s) |       |        |  |  |  |  |  |        | Notes |
|--|-------|--------|--|--|--|--|--|--------|-------|
| E&P (PA&ED)                            | 5     |        |  |  |  |  |  | 405    |       |
| PS&E                                   | 1,412 |        |  |  |  |  |  | 1,412  |       |
| R/W SUP (CT)                           | 10    | 105    |  |  |  |  |  | 115    |       |
| CON SUP (CT)                           |       | 2,955  |  |  |  |  |  | 2,955  |       |
| R/W                                    | 466   |        |  |  |  |  |  | 466    |       |
| CON                                    |       | 21,545 |  |  |  |  |  | 21,545 |       |
| TOTAL                                  | 2,293 | 24,605 |  |  |  |  |  | 26,898 |       |

Fund #1: Other Fed - NATIONAL CORRIDOR INFRASTRUCTURE IMPROVEMENT PROGRA (Co) Program Code

| Existing Funding (\$1,000s) |       |       |       |       |       |       |        |       | 20.30.010.300                        |
|-----------------------------|-------|-------|-------|-------|-------|-------|--------|-------|--------------------------------------|
| Component                   | Prior | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                       |
| E&P (PA&ED)                 | 405   |       |       |       |       |       |        | 405   | Placer County Transportation Plannin |
| PS&E                        |       |       |       |       |       |       |        |       |                                      |
| R/W SUP (CT)                |       |       |       |       |       |       |        |       |                                      |
| CON SUP (CT)                |       |       |       |       |       |       |        |       |                                      |
| R/W                         |       |       |       |       |       |       |        |       |                                      |
| CON                         |       |       |       |       |       |       |        |       |                                      |
| TOTAL                       | 405   |       |       |       |       |       |        | 405   |                                      |

| Proposed Funding (\$1,000s) |     |  |  |  |  |  |  |     | Notes |
|-----------------------------|-----|--|--|--|--|--|--|-----|-------|
| E&P (PA&ED)                 | 405 |  |  |  |  |  |  | 405 |       |
| PS&E                        |     |  |  |  |  |  |  |     |       |
| R/W SUP (CT)                |     |  |  |  |  |  |  |     |       |
| CON SUP (CT)                |     |  |  |  |  |  |  |     |       |
| R/W                         |     |  |  |  |  |  |  |     |       |
| CON                         |     |  |  |  |  |  |  |     |       |
| TOTAL                       | 405 |  |  |  |  |  |  | 405 |       |



|                             |  |       |       |       |       |       |        |       |                                      |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|--------------------------------------|
| Fund #4:                    | Other Fed - Highway Infrastructure Program (HIP) (Committed) |       |       |       |       |       |        |       | Program Code                         |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       | 20.30.010.300                        |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                       |
| E&P (PA&ED)                 | 675  |       |       |       |       |       |        |       | Placer County Transportation Plannin |
| PS&E                        |  |       |       |       |       |       |        | 675   |                                      |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                      |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                      |
| R/W                         | 160  |       |       |       |       |       |        | 160   |                                      |
| CON                         |  | 75    |       |       |       |       |        | 75    |                                      |
| TOTAL                       | 835  | 75    |       |       |       |       |        | 910   |                                      |

|                             |     |    |  |  |  |  |  |     |       |
|-----------------------------|-----|----|--|--|--|--|--|-----|-------|
| Proposed Funding (\$1,000s) |     |    |  |  |  |  |  |     | Notes |
| E&P (PA&ED)                 |     |    |  |  |  |  |  |     |       |
| PS&E                        | 648 |    |  |  |  |  |  | 648 |       |
| R/W SUP (CT)                |     |    |  |  |  |  |  |     |       |
|                             | 160 |    |  |  |  |  |  | 160 |       |
| CON                         |     | 75 |  |  |  |  |  | 75  |       |
| TOTAL                       | 808 | 75 |  |  |  |  |  | 883 |       |

|                             |                              |       |       |       |       |       |        |       |                                      |
|-----------------------------|------------------------------|-------|-------|-------|-------|-------|--------|-------|--------------------------------------|
| Fund #5:                    | RSTP - STP Local (Committed) |       |       |       |       |       |        |       | Program Code                         |
| Existing Funding (\$1,000s) |                              |       |       |       |       |       |        |       | 20.30.010.810                        |
| Component                   | Prior                        | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                       |
| E&P (PA&ED)                 |                              |       |       |       |       |       |        |       | Placer County Transportation Plannin |
| PS&E                        |                              |       |       |       |       |       |        |       |                                      |
| R/W SUP (CT)                |                              |       |       |       |       |       |        |       |                                      |
| CON SUP (CT)                |                              |       |       |       |       |       |        |       |                                      |
| R/W                         |                              |       |       |       |       |       |        |       |                                      |
| CON                         |                              | 3,000 |       |       |       |       |        | 3,000 |                                      |
| TOTAL                       |                              | 3,000 |       |       |       |       |        | 3,000 |                                      |

|                             |  |       |  |  |  |  |  |       |       |
|-----------------------------|--|-------|--|--|--|--|--|-------|-------|
| Proposed Funding (\$1,000s) |  |       |  |  |  |  |  |       | Notes |
| E&P (PA&ED)                 |  |       |  |  |  |  |  |       |       |
| PS&E                        |  |       |  |  |  |  |  |       |       |
| R/W SUP (CT)                |  |       |  |  |  |  |  |       |       |
| CON SUP (CT)                |  |       |  |  |  |  |  |       |       |
| R/W                         |  |       |  |  |  |  |  |       |       |
| CON                         |  | 3,000 |  |  |  |  |  | 3,000 |       |
| TOTAL                       |  | 3,000 |  |  |  |  |  | 3,000 |       |

| Fund #6:                           | Local Funds - Traffic Impact Fees (Committed)        |       |       |       |       |       |        |       | Program Code  |
|------------------------------------|--|-------|-------|-------|-------|-------|--------|-------|---|
|                                    | Existing Funding (\$1,000s)                          |       |       |       |       |       |        |       | 20.10.400.100   |
| Component                          | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency  |
| E&P (PA&ED)                        | 200  |       |       |       |       |       |        |       | Placer County Transportation Plannin  |
| PS&E                               |  |       |       |       |       |       |        | 200   |   |
| R/W SUP (CT)                       |  |       |       |       |       |       |        |       |   |
| CON SUP (CT)                       |  |       |       |       |       |       |        |       |   |
| R/W                                | 200  |       |       |       |       |       |        | 200   | South Placer Regional<br>Transportation Authority (SPRTA)<br>funding allocation to PCTPA. |
| CON                                |  |       |       |       |       |       |        |       |   |
| TOTAL                              | 400  |       |       |       |       |       |        | 400   |   |
| <b>Proposed Funding (\$1,000s)</b> |  |       |       |       |       |       |        |       | Notes   |
| E&P (PA&ED)                        |  |       |       |       |       |       |        |       |   |
| PS&E                               | 200  |       |       |       |       |       |        | 200   |   |
| R/W SUP (CT)                       |  |       |       |       |       |       |        |       |   |
|                                    | 200  |       |       |       |       |       |        | 200   |   |
| CON                                |  |       |       |       |       |       |        |       |   |
| TOTAL                              | 400  |       |       |       |       |       |        | 400   |   |
| Fund #7:                           | Local Funds - Local Transportation Funds (Committed) |       |       |       |       |       |        |       | Program Code  |
|                                    | Existing Funding (\$1,000s)                          |       |       |       |       |       |        |       | 20.10.400.100   |
| Component                          | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency  |
| E&P (PA&ED)                        |  |       |       |       |       |       |        |       | Placer County Transportation Plannin  |
| PS&E                               |  |       |       |       |       |       |        |       |   |
| R/W SUP (CT)                       |  |       |       |       |       |       |        |       |   |
| CON SUP (CT)                       |  |       |       |       |       |       |        |       |   |
| R/W                                |  |       |       |       |       |       |        |       |   |
| CON                                |  | 470   |       |       |       |       |        | 470   |   |
| TOTAL                              |  | 470   |       |       |       |       |        | 470   |   |
| <b>Proposed Funding (\$1,000s)</b> |  |       |       |       |       |       |        |       | Notes   |
| E&P (PA&ED)                        |  |       |       |       |       |       |        |       |   |
| PS&E                               |  |       |       |       |       |       |        |       |   |
| R/W SUP (CT)                       |  |       |       |       |       |       |        |       |   |
| CON SUP (CT)                       |  |       |       |       |       |       |        |       |   |
| R/W                                |  |       |       |       |       |       |        |       |   |
| CON                                |  | 471   |       |       |       |       |        | 471   |   |
| TOTAL                              |  | 471   |       |       |       |       |        | 471   |   |

|                             |  |       |       |       |       |       |        |       |                          |               |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|--------------------------|---------------|
| Fund #8:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       | Program Code             |               |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       | 20.XX.723.100            |               |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency           |               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP State Allocation    |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| CON SUP (CT)                |  | 2,118 |       |       |       |       |        | 2,118 |                          |               |
| R/W                         |  |       |       |       |       |       |        |       |                          |               |
| CON                         |  | 4,402 |       |       |       |       |        | 4,402 |                          |               |
| TOTAL                       |  | 6,520 |       |       |       |       |        | 6,520 |                          |               |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       |                          | Notes         |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | State                    |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
|                             |  | 2,118 |       |       |       |       |        | 2,118 |                          |               |
| CON                         |  | 4,402 |       |       |       |       |        | 4,402 |                          |               |
| TOTAL                       |  | 6,520 |       |       |       |       |        | 6,520 |                          |               |
| Fund #9:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       |                          | Program Code  |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                          | 20.XX.723.200 |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency           |               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP Regional Allocation |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| R/W                         |  |       |       |       |       |       |        |       |                          |               |
| CON                         |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |
| TOTAL                       |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       |                          | Notes         |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Regional                 |               |
| PS&E                        |  |       |       |       |       |       |        |       |                          |               |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                          |               |
| R/W                         |  |       |       |       |       |       |        |       |                          |               |
| CON                         |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |
| TOTAL                       |  | 9,780 |       |       |       |       |        | 9,780 |                          |               |

| Fund #10:                   | Other Fed - Highway Infrastructure Program (HIP) (Committed) |       |       |       |       |       |        |       | Program Code   |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|----------------|
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |                |
| PS&E                        |  |       |       |       |       |       |        |       |                |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                |
| R/W                         |  |       |       |       |       |       |        |       |                |
| CON                         |  |       |       |       |       |       |        |       |                |
| TOTAL                       |  |       |       |       |       |       |        |       |                |

|                             |  |     |  |  |  |  |  |     |                          |
|-----------------------------|--|-----|--|--|--|--|--|-----|--------------------------|
| Proposed Funding (\$1,000s) |  |     |  |  |  |  |  |     | Notes                    |
| E&P (PA&ED)                 |  |     |  |  |  |  |  |     | 2021 HIP fund allocation |
| PS&E                        |  |     |  |  |  |  |  |     |                          |
| R/W SUP (CT)                |  | 105 |  |  |  |  |  | 105 |                          |
| CON                         |  | 190 |  |  |  |  |  | 190 |                          |
| TOTAL                       |  | 295 |  |  |  |  |  | 295 |                          |

| Fund #11:                   | Other Fed - Coronavirus Response and Relief Supplemental Appro (Committed) |       |       |       |       |       |        |       | Program Code                         |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|--------------------------------------|
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                      |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                       |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Placer County Transportation Plannin |
| PS&E                        |  |       |       |       |       |       |        |       |                                      |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                      |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                      |
| R/W                         |  |       |       |       |       |       |        |       |                                      |
| CON                         |  |       |       |       |       |       |        |       |                                      |
| TOTAL                       |  |       |       |       |       |       |        |       |                                      |

|                             |  |     |  |  |  |  |  |     |                               |
|-----------------------------|--|-----|--|--|--|--|--|-----|-------------------------------|
| Proposed Funding (\$1,000s) |  |     |  |  |  |  |  |     | Notes                         |
| E&P (PA&ED)                 |  |     |  |  |  |  |  |     | Federal stimulus funds - STBG |
| PS&E                        |  |     |  |  |  |  |  |     | CRRSAA                        |
| R/W SUP (CT)                |  |     |  |  |  |  |  |     |                               |
| CON SUP (CT)                |  |     |  |  |  |  |  |     |                               |
| R/W                         |  |     |  |  |  |  |  |     |                               |
| CON                         |  | 467 |  |  |  |  |  | 467 |                               |
| TOTAL                       |  | 467 |  |  |  |  |  | 467 |                               |

| Fund #12:                   | Local Funds - Local Transportation Funds (Committed) |       |       |       |       |       |        |       | Program Code                        |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|-------------------------------------|
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                     |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                      |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |                                     |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| R/W                         |  |       |       |       |       |       |        |       |                                     |
| CON                         |  |       |       |       |       |       |        |       |                                     |
| TOTAL                       |  |       |       |       |       |       |        |       |                                     |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Local Agency funds                  |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
|                             |  | 837   |       |       |       |       |        | 837   |                                     |
| CON                         |  | 1,528 |       |       |       |       |        | 1,528 |                                     |
| TOTAL                       |  | 2,365 |       |       |       |       |        | 2,365 |                                     |
| Fund #13:                   | RIP - COVID Relief Funds - STIP (Committed)          |       |       |       |       |       |        |       | Program Code                        |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                     |
| Component                   | Prior  | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total | Funding Agency                      |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | California Transportation Commissio |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| R/W                         |  |       |       |       |       |       |        |       |                                     |
| CON                         |  |       |       |       |       |       |        |       |                                     |
| TOTAL                       |  |       |       |       |       |       |        |       |                                     |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                               |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       |                                     |
| PS&E                        |  |       |       |       |       |       |        |       |                                     |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                     |
| R/W                         |  |       |       |       |       |       |        |       |                                     |
| CON                         |  | 1,632 |       |       |       |       |        | 1,632 |                                     |
| TOTAL                       |  | 1,632 |       |       |       |       |        | 1,632 |                                     |

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Date 05/24/2021 14:06:09

| District | County | Route | EA    | Project ID | PPNO  |
|----------|--------|-------|-------|------------|-------|
| 03       | Placer | 80    | 3F321 | 0321000122 | 5101A |

**SECTION 1 - All Projects**

**Project Background**

Project is completing third iteration of Caltrans 100% final design constructability reviews. Project cost has increased based on these reviews and a cost escalation of 3.2% has been factored into the project cost to reflect construction (contract award milestone) beginning mid FY 22/23.

**Programming Change Requested**

Project amendment adds federal STBG CRRSAA, federal STIP CRRSAA, federal 2021 HIP allocation, and increased Local Agency fund contribution to the project funding plan to address increased costs for construction support, construction, and escalation of 3.2%.

**Reason for Proposed Change**

The project cost estimate has increased due to a variety of reasons.

1. An adjustment to reflect escalation of 3.2% for construction, construction support, right-of-way, and mitigation items to reflect construction (contract award milestone) beginning mid FY 22/23.
2. An increase in construction contingency, supplemental items, department furnished material, construction management and support costs, roadway, structure and wall items, various general items, tree mitigation, and regulatory permits.
3. Addition of gutters and slope paving behind project walls.
4. Modifications and additions in construction bid items requested by Caltrans.
5. Significant change in drainage design resulting in modification to the Stormwater Data Report, and changes to temporary water pollution controls.

If proposed change will delay one or more components, clearly explain 1) reason for the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded

Construction phase (contract award milestone) is scheduled to begin mid FY 22/23 based on updated Project Milestones.

**Other Significant Information**

None.

**SECTION 2 - For SB1 Project Only**

**Project Amendment Request (Please follow the individual SB1 program guidelines for specific criteria)**

Project amendment adds federal STBG CRRSAA, federal STIP CRRSAA, federal 2021 HIP allocation, and increased Local Agency fund contribution to the project funding plan to address increased costs for construction support, construction, and escalation of 3.2%.

**Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.

| Name (Print or Type) | Signature | Title | Date |
|----------------------|-----------|-------|------|
|                      |           |       |      |

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SECTION 3 - All Projects

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Attachments

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

|  |       |            |              |   |                     |
|--|-------|------------|--------------|---|---------------------|
| Amendment (Existing Project) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO   |       |            |              | Date  | 04/29/2021 18:21:29 |
| Programs <input type="checkbox"/> LPP-C <input type="checkbox"/> LPP-F <input type="checkbox"/> SCCP <input checked="" type="checkbox"/> TCEP <input type="checkbox"/> STIP <input type="checkbox"/> Other |       |            |              |   |                     |
| District   | EA    | Project ID | PPNO         | Nominating Agency                                       |                     |
| 03   |       |            | 1812         | Caltrans HQ   |                     |
| County   | Route | PM Back    | PM Ahead     | Co-Nominating Agency                                    |                     |
| Sacramento   |       |            |              | Sacramento Area Council of Governments, Placer County T |                     |
|  |       |            |              | MPO   | Element             |
|  |       |            |              | SACOG   | Local Assistance    |
| Project Manager/Contact  |       |            | Phone        | Email Address   |                     |
| Frieden McLean   |       |            | 916-534-9416 | mcleanf@saccounty.net                                   |                     |

**Project Title**

Capital Region Freight - Elkhorn

**Location (Project Limits), Description (Scope of Work)**

In Sacramento County, from West Elkhorn Boulevard to Crossfield Drive at Sacramento International Airport. Construct an approximately 1 mile long 4 lane-lane roadway. Project also includes the extension of utility corridor along roadway and two roundabouts on Crossfield Dr.

| Component    | Implementing Agency |
|--------------|---------------------|
| PA&ED        | Sacramento County   |
| PS&E         | Sacramento County   |
| Right of Way | Sacramento County   |
| Construction | Sacramento County   |

**Legislative Districts**

|           |   |         |   |                |   |
|-----------|---|---------|---|----------------|---|
| Assembly: | 7 | Senate: | 6 | Congressional: | 6 |
|-----------|---|---------|---|----------------|---|

| Project Milestone  | Existing   | Proposed   |
|--|------------|------------|
| Project Study Report Approved  |            |            |
| Begin Environmental (PA&ED) Phase  | 02/01/2020 | 06/01/2020 |
| Circulate Draft Environmental Document <span style="float:right">Document Type CE</span> | 03/01/2020 | 08/01/2020 |
| Draft Project Report   | 06/01/2020 | 04/01/2021 |
| End Environmental Phase (PA&ED Milestone)  | 09/01/2020 | 04/23/2021 |
| Begin Design (PS&E) Phase  | 09/01/2020 | 12/01/2020 |
| End Design Phase (Ready to List for Advertisement Milestone)                             | 12/31/2020 | 11/01/2021 |
| Begin Right of Way Phase   | 01/01/2021 | 03/01/2021 |
| End Right of Way Phase (Right of Way Certification Milestone)                            | 01/02/2021 | 07/01/2021 |
| Begin Construction Phase (Contract Award Milestone)                                      | 06/01/2021 | 03/01/2022 |
| End Construction Phase (Construction Contract Acceptance Milestone)                      | 12/31/2021 | 12/01/2022 |
| Begin Closeout Phase   | 01/01/2022 | 01/01/2023 |
| End Closeout Phase (Closeout Report)   | 02/02/2022 | 03/01/2023 |

Date 04/29/2021 18:21:29

**Purpose and Need**

The purpose of the proposed project is to increase freight throughput capacity to meet existing and forecasted freight truck volumes by addressing congestion that impacts freight capacity and improving freight travel time reliability and speeds through the project corridor. The section of I-5 within the proposed project limits experiences high travel demand especially during peak commute periods. As a result, the project area is subject to recurring congestion that impedes the movement of freight through the corridor and impairs mobility for vehicles and trucks further resulting in bottlenecks, increased emissions, increased travel costs, and reduced travel time reliability. The proposed project will be Phase 1 of the Sac-5 Corridor Improvement Project that will address freight mobility throughout the corridor.

|   |   |  |
|---|---|--|
| NHS Improvements <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO                            | Roadway Class 2   | Reversible Lane Analysis <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |
| Inc. Sustainable Communities Strategy Goals <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | Reduce Greenhouse Gas Emissions <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |  |

**Project Outputs**

| Category              | Outputs          | Unit  | Total |
|-----------------------|------------------|-------|-------|
| Pavement (lane-miles) | Local road - new | Miles | 1     |

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Date 04/29/2021 18:21:29

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**Additional Information**

Sacramento County Department of Airports is currently pursuing NEPA (per FAA requirements).

Reversible Lane analysis not applicable.

| Performance Indicators and Measures |                        |   |                 |            |                 |           |
|-------------------------------------|------------------------|---|-----------------|------------|-----------------|-----------|
| Measure                             | Required For           | Indicator/Measure   | Unit            | Build      | Future No Build | Change    |
| Congestion Reduction                | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
|                                     | TCEP                   | Daily Truck Trips   | # of Trips      | 0          | 0               | 0         |
|                                     | TCEP                   | Daily Truck Miles Traveled  | Miles           | 0          | 0               | 0         |
| Throughput                          | TCEP                   | Change in Truck Volume That Can Be Accommodated                       | # of Trucks     | 57,312,099 | 56,227,414      | 1,084,685 |
|                                     | TCEP                   | Change in Rail Volume That Can Be Accommodated                        | # of Trailers   | 0          | 0               | 0         |
|                                     |                        |   | # of Containers | 0          | 0               | 0         |
|                                     | TCEP                   | Change in Cargo Volume That Can Be Accommodated                       | # of Tons       | 0          | 0               | 0         |
| # of Containers                     |                        |   | 0               | 0          | 0               |           |
| System Reliability                  | TCEP                   | Truck Travel Time Reliability Index                                   | Index           | 1.23       | 2.05            | -0.82     |
|                                     | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
| Velocity                            | TCEP                   | Travel Time or Total Cargo Transport Time                             | Hours           | 19.14      | 22.92           | -3.78     |
|                                     | Optional               | Average Peak Period Weekday Speed for Road Facility                   | Miles per Hour  | 50         | 35              | 15        |
| Air Quality & GHG                   | LPPF, LPPC, SCCP, TCEP | Particulate Matter  | PM 2.5 Tons     | 0.69       | 0.64            | 0.05      |
|                                     |                        |   | PM 10 Tons      | 0.82       | 0.81            | 0.01      |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Dioxide (CO2)  | Tons            | 106,206    | 110,930         | -4,724    |
|                                     | LPPF, LPPC, SCCP, TCEP | Volatile Organic Compounds (VOC)                                      | Tons            | 38.8       | 40.2            | -1.4      |
|                                     | LPPF, LPPC, SCCP, TCEP | Sulphur Dioxides (SOx)  | Tons            | 1.03       | 1.08            | -0.05     |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Monoxide (CO)  | Tons            | 656        | 679             | -23       |
| Safety                              | LPPF, LPPC, SCCP, TCEP | Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries | Number          | 0          | 0               | 0         |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Fatalities  | Number          | 9          | 11              | -2        |
|                                     | LPPF, LPPC, SCCP, TCEP | Fatalities per 100 Million VMT  | Number          | 2.39       | 2.98            | -0.59     |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries  | Number          | 218        | 324             | -106      |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries per 100 Million VMT                        | Number          | 53.06      | 82.9            | -29.84    |
| Economic Development                | LPPF, LPPC, SCCP, TCEP | Jobs Created (Direct and Indirect)                                    | Number          | 38,700     | 0               | 38,700    |
| Cost Effectiveness                  | LPPF, LPPC, SCCP, TCEP | Cost Benefit Ratio  | Ratio           | 3.52       | 0               | 3.52      |

|               |  |  |  |  |  |
|---------------|--|--|--|--|--|
| Project Title |  |  |  |  |  |
|---------------|--|--|--|--|--|

| Existing Total Project Cost (\$1,000s) |       |       |       |       |       |       |        |       | Implementing Agency |
|--|-------|-------|-------|-------|-------|-------|--------|-------|---------------------|
| Component                              | Prior | 21-22 | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total |                     |
| E&P (PA&ED)                            |       |       |       |       |       |       |        |       | Sacramento County   |
| PS&E                                   |       |       |       |       |       |       |        |       | Sacramento County   |
| R/W SUP (CT)                           |       |       |       |       |       |       |        |       | Sacramento County   |
| CON SUP (CT)                           |       |       |       |       |       |       |        |       | Sacramento County   |
| R/W                                    |       |       |       |       |       |       |        |       | Sacramento County   |
| CON                                    |       |       |       |       |       |       |        |       | Sacramento County   |
| TOTAL                                  |       |       |       |       |       |       |        |       |                     |
| Proposed Total Project Cost (\$1,000s) |       |       |       |       |       |       |        |       | Notes               |
| E&P (PA&ED)                            |       |       |       |       |       |       |        |       |                     |
| PS&E                                   |       |       |       |       |       |       |        |       |                     |
| R/W SUP (CT)                           |       |       |       |       |       |       |        |       |                     |
| CON SUP (CT)                           |       |       |       |       |       |       |        |       |                     |
| R/W                                    |       |       |       |       |       |       |        |       |                     |
| CON                                    |       |       |       |       |       |       |        |       |                     |
| TOTAL                                  |       |       |       |       |       |       |        |       |                     |

| Fund #1:                    | Local Funds - Agency (Committed) |        |       |       |       |       |        |        | Program Code   |
|-----------------------------|----------------------------------|--------|-------|-------|-------|-------|--------|--------|--|
|                             | Existing Funding (\$1,000s)      |        |       |       |       |       |        |        | 20.10.400.100  |
| Component                   | Prior                            | 21-22  | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total  | Funding Agency   |
| E&P (PA&ED)                 | 1,000                            |        |       |       |       |       |        | 1,000  | Sacramento County  |
| PS&E                        | 1,000                            |        |       |       |       |       |        | 1,000  | Local funding provided by the Sacramento County Department of Airports Enterprise Fund |
| R/W SUP (CT)                |                                  |        |       |       |       |       |        |        |  |
| CON SUP (CT)                |                                  |        |       |       |       |       |        |        |  |
| R/W                         |                                  |        |       |       |       |       |        |        |  |
| CON                         |                                  | 13,000 |       |       |       |       |        | 13,000 |  |
| TOTAL                       | 2,000                            | 13,000 |       |       |       |       |        | 15,000 |  |
| Proposed Funding (\$1,000s) |                                  |        |       |       |       |       |        |        | Notes  |
| E&P (PA&ED)                 | 1,000                            |        |       |       |       |       |        | 1,000  |  |
| PS&E                        | 1,000                            |        |       |       |       |       |        | 1,000  |  |
| R/W SUP (CT)                |                                  |        |       |       |       |       |        |        |  |
| CON SUP (CT)                |                                  |        |       |       |       |       |        |        |  |
| R/W                         |                                  |        |       |       |       |       |        |        |  |
| CON                         |                                  | 13,000 |       |       |       |       |        | 13,000 |  |
| TOTAL                       | 2,000                            | 13,000 |       |       |       |       |        | 15,000 |  |

|                             |  |        |       |       |       |       |        |        |                |        |
|-----------------------------|--|--------|-------|-------|-------|-------|--------|--------|----------------|--------|
| Fund #2:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |        |       |       |       |       |        |        | Program Code   |        |
| Existing Funding (\$1,000s) |  |        |       |       |       |       |        |        | 20.30.210.320  |        |
| Component                   | Prior  | 21-22  | 22-23 | 23-24 | 24-25 | 25-26 | 26-27+ | Total  | Funding Agency |        |
| E&P (PA&ED)                 |  |        |       |       |       |       |        |        | Regional TCEP  |        |
| PS&E                        |  |        |       |       |       |       |        |        |                |        |
| R/W SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| CON SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| R/W                         |  |        |       |       |       |       |        |        |                |        |
| CON                         |  | 11,000 |       |       |       |       |        |        |                | 11,000 |
| TOTAL                       |  | 11,000 |       |       |       |       |        |        |                | 11,000 |
| Proposed Funding (\$1,000s) |  |        |       |       |       |       |        |        | Notes          |        |
| E&P (PA&ED)                 |  |        |       |       |       |       |        |        |                |        |
| PS&E                        |  |        |       |       |       |       |        |        |                |        |
| R/W SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| CON SUP (CT)                |  |        |       |       |       |       |        |        |                |        |
| R/W                         |  |        |       |       |       |       |        |        |                |        |
| CON                         |  | 11,000 |       |       |       |       |        | 11,000 |                |        |
| TOTAL                       |  | 11,000 |       |       |       |       |        | 11,000 |                |        |

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Date 04/29/2021 18:21:29

| District | County     | Route | EA | Project ID | PPNO |
|----------|------------|-------|----|------------|------|
| 03       | Sacramento |       |    |            | 1812 |

**SECTION 1 - All Projects**

**Project Background**

The Elkhorn Extension will connect SMF to an adjacent industrial park and beyond to State Route 99, it will provide a second access/egress route to the Airport, and will shift Airport-bound vehicles off heavily congested Interstate 5. SMF is the principal airport serving 3.3 million people in seven counties, and is one of the top 10 cargo airports in the state. From 2013 to 2018, SMF experienced a 71% increase in cargo tonnage. There is strong demand for investment in air cargo capacity at SMF; improved surface transportation access is essential to support continued private sector investment.

**Programming Change Requested**

Updated milestones.

**Reason for Proposed Change**

The project experienced delays during the preliminary investigation phase. Delays were attributable to stakeholder agreements, changes to project requirements, and COVID-19 impacts.

If proposed change will delay one or more components, clearly explain 1) reason for the delay, 2) cost increase related to the delay, and 3) how cost increase will be funded

There is no increased cost as a result of the delay.

**Other Significant Information**

**SECTION 2 - For SB1 Project Only**

Project Amendment Request (Please follow the individual SB1 program guidelines for specific criteria)

Updated milestones will not impact the proposed FY funding plan.

**Approvals**

I hereby certify that the above information is complete and accurate and all approvals have been obtained for the processing of this amendment request.

| Name (Print or Type) | Signature | Title | Date |
|----------------------|-----------|-------|------|
|                      |           |       |      |

**SECTION 3 - All Projects**

**Attachments**

- 1) Concurrence from Implementing Agency and/or Regional Transportation Planning Agency
- 2) Project Location Map

|   |       |            |              |  |                     |
|---|-------|------------|--------------|--|---------------------|
| Amendment (Existing Project) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO  |       |            |              | Date   | 05/20/2021 12:04:30 |
| Programs <input type="checkbox"/> LPP-C <input type="checkbox"/> LPP-F <input type="checkbox"/> SCCP <input checked="" type="checkbox"/> TCEP <input type="checkbox"/> STIP <input checked="" type="checkbox"/> Other |       |            |              |  |                     |
| District  | EA    | Project ID | PPNO         | Nominating Agency                            |                     |
| 03  | 4H581 | 0320000240 | 5876         | Caltrans HQ                                  |                     |
| County  | Route | PM Back    | PM Ahead     | Co-Nominating Agency                         |                     |
| Sacramento  | 5     | 27.600     | 34.300       | Placer County Transportation Planning Agency |                     |
|   |       |            |              | MPO  | Element             |
|   |       |            |              | SACOG  | Capital Outlay      |
| Project Manager/Contact   |       |            | Phone        | Email Address                                |                     |
| Jess Avila  |       |            | 530-741-4533 | jess.avila@dot.ca.gov                        |                     |

**Project Title**  
 Capital Region Freight - I-5

**Location (Project Limits), Description (Scope of Work)**  
 On Interstate 5 (I-5) in Sacramento County from 0.5 mile south of Arena Blvd Interchange Interchange to 0.4 mile south of Yolo County line construct acceleration and deceleration merge lanes and Intelligent transportation system (ITS) infrastructure.

| Component    | Implementing Agency |
|--------------|---------------------|
| PA&ED        | Caltrans District 3 |
| PS&E         | Caltrans District 3 |
| Right of Way | Caltrans District 3 |
| Construction | Caltrans District 3 |

**Legislative Districts**

|           |   |         |   |                |   |
|-----------|---|---------|---|----------------|---|
| Assembly: | 9 | Senate: | 6 | Congressional: | 6 |
|-----------|---|---------|---|----------------|---|

| Project Milestone   | Existing            | Proposed   |
|---|---------------------|------------|
| Project Study Report Approved                                       | 09/28/2019          |            |
| Begin Environmental (PA&ED) Phase                                   |                     | 01/07/2020 |
| Circulate Draft Environmental Document                              | Document Type CE/CE |            |
| Draft Project Report  |                     | 02/28/2021 |
| End Environmental Phase (PA&ED Milestone)                           |                     | 04/30/2021 |
| Begin Design (PS&E) Phase   |                     | 05/01/2021 |
| End Design Phase (Ready to List for Advertisement Milestone)        |                     | 03/24/2022 |
| Begin Right of Way Phase  |                     | 05/01/2021 |
| End Right of Way Phase (Right of Way Certification Milestone)       |                     | 03/01/2022 |
| Begin Construction Phase (Contract Award Milestone)                 |                     | 09/22/2022 |
| End Construction Phase (Construction Contract Acceptance Milestone) |                     | 03/22/2024 |
| Begin Closeout Phase  |                     | 04/01/2024 |
| End Closeout Phase (Closeout Report)                                |                     | 03/21/2025 |

Date 05/20/2021 12:04:30

**Purpose and Need**

The purpose of the proposed project is to increase freight throughput capacity to meet existing and forecasted freight truck volumes by addressing congestion that impacts freight capacity and improving freight travel time reliability and speeds through the project corridor. The section of I-5 within the proposed project limits experiences high travel demand especially during peak commute periods. As a result, the project area is subject to recurring congestion that impedes the movement of freight through the corridor and impairs mobility for vehicles and trucks further resulting in bottlenecks, increased emissions, increased travel costs, and reduced travel time reliability. The proposed project will be Phase 1 of the Sac-5 Corridor Improvement Project that will address freight mobility throughout the corridor.

NHS Improvements  YES  NO      Roadway Class 1      Reversible Lane Analysis  YES  NO  
 Inc. Sustainable Communities Strategy Goals  YES  NO      Reduce Greenhouse Gas Emissions  YES  NO

**Project Outputs**

| Category                         | Outputs                           | Unit  | Total |
|----------------------------------|-----------------------------------|-------|-------|
| Operational Improvement          | Auxiliary lanes                   | Miles | 3.6   |
| TMS (Traffic Management Systems) | Freeway ramp meters               | EA    | 8     |
| TMS (Traffic Management Systems) | Closed circuit television cameras | EA    | 2     |
| TMS (Traffic Management Systems) | Changeable message signs          | EA    | 2     |

Date 05/20/2021 12:04:30

**Additional Information**

**Project Benefits:** This project facilitates the movement of goods through the central hub of Sacramento with interregional connections to California's northern and southern counties and seaports, including the ports of West Sacramento and Stockton – the Port of Stockton being the largest bulk shipping port on the West Coast. In addition, the I-5 corridor is northern California's main conduit for goods movement between Mexico and Canada and intersects the I-80 corridor which serves as California's main highway for goods movement from eastern California and the northeastern United States to the San Francisco Bay Area.

The post miles and description were updated to reflect the correct project limits. The start post miles was input incorrectly as 27.7 instead as 27.6. Reversible Lane analysis not applicable.

| Performance Indicators and Measures |                        |   |                 |            |                 |           |
|-------------------------------------|------------------------|---|-----------------|------------|-----------------|-----------|
| Measure                             | Required For           | Indicator/Measure   | Unit            | Build      | Future No Build | Change    |
| Congestion Reduction                | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
|                                     | TCEP                   | Daily Truck Trips   | # of Trips      | 0          | 0               | 0         |
|                                     | TCEP                   | Daily Truck Miles Traveled  | Miles           | 0          | 0               | 0         |
| Throughput                          | TCEP                   | Change in Truck Volume That Can Be Accommodated                       | # of Trucks     | 57,312,099 | 56,227,414      | 1,084,685 |
|                                     | TCEP                   | Change in Rail Volume That Can Be Accommodated                        | # of Trailers   | 0          | 0               | 0         |
|                                     |                        |   | # of Containers | 0          | 0               | 0         |
|                                     | TCEP                   | Change in Cargo Volume That Can Be Accommodated                       | # of Tons       | 0          | 0               | 0         |
| # of Containers                     |                        |   | 0               | 0          | 0               |           |
| System Reliability                  | TCEP                   | Truck Travel Time Reliability Index                                   | Index           | 1.23       | 2.05            | -0.82     |
|                                     | TCEP                   | Daily Vehicle Hours of Travel Time Reduction                          | Hours           | 17,858     | 20,048          | -2,190    |
| Velocity                            | TCEP                   | Travel Time or Total Cargo Transport Time                             | Hours           | 19.14      | 22.92           | -3.78     |
|                                     | Optional               | Average Peak Period Weekday Speed for Road Facility                   | Miles per Hour  | 50         | 35              | 15        |
| Air Quality & GHG                   | LPPF, LPPC, SCCP, TCEP | Particulate Matter  | PM 2.5 Tons     | 0.69       | 0.64            | 0.05      |
|                                     |                        |   | PM 10 Tons      | 0.82       | 0.81            | 0.01      |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Dioxide (CO2)  | Tons            | 106,206    | 110,930         | -4,724    |
|                                     | LPPF, LPPC, SCCP, TCEP | Volatile Organic Compounds (VOC)                                      | Tons            | 38.8       | 40.2            | -1.4      |
|                                     | LPPF, LPPC, SCCP, TCEP | Sulphur Dioxides (SOx)  | Tons            | 1.03       | 1.08            | -0.05     |
|                                     | LPPF, LPPC, SCCP, TCEP | Carbon Monoxide (CO)  | Tons            | 656        | 679             | -23       |
| Safety                              | LPPF, LPPC, SCCP, TCEP | Number of Non-Motorized Fatalities and Non-Motorized Serious Injuries | Number          | 0          | 0               | 0         |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Fatalities  | Number          | 9          | 11              | -2        |
|                                     | LPPF, LPPC, SCCP, TCEP | Fatalities per 100 Million VMT  | Number          | 2.39       | 2.98            | -0.59     |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries  | Number          | 218        | 324             | -106      |
|                                     | LPPF, LPPC, SCCP, TCEP | Number of Serious Injuries per 100 Million VMT                        | Number          | 53.06      | 82.9            | -29.84    |
| Economic Development                | LPPF, LPPC, SCCP, TCEP | Jobs Created (Direct and Indirect)                                    | Number          | 38,700     | 0               | 38,700    |
| Cost Effectiveness                  | LPPF, LPPC, SCCP, TCEP | Cost Benefit Ratio  | Ratio           | 3.52       | 0               | 3.52      |



| Fund #2:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       | Program Code                       |
|-----------------------------|--|-------|-------|-------|-------|-------|--------|-------|------------------------------------|
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                    |
| Component                   | Prior  | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26+ | Total | Funding Agency                     |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Caltrans District 3                |
| PS&E                        |  |       |       |       |       |       |        |       |                                    |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| R/W                         |  |       |       |       |       |       |        |       |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  |       |       |       |       |       |        |       |                                    |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                              |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP Regional Funds (PS&E and R/W) |
| PS&E                        |  | 1,140 |       |       |       |       |        |       |                                    |
| R/W SUP (CT)                |  | 90    |       |       |       |       |        |       |                                    |
|                             |  | 30    |       |       |       |       |        |       |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  |       |       |       |       |       |        |       |                                    |
| Fund #3:                    | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |       |       |       |        |       | Program Code                       |
| Existing Funding (\$1,000s) |  |       |       |       |       |       |        |       |                                    |
| Component                   | Prior  | 20-21 | 21-22 | 22-23 | 23-24 | 24-25 | 25-26+ | Total | Funding Agency                     |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | Caltrans District 3                |
| PS&E                        |  |       |       |       |       |       |        |       |                                    |
| R/W SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| R/W                         |  |       |       |       |       |       |        |       |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  |       |       |       |       |       |        |       |                                    |
| Proposed Funding (\$1,000s) |  |       |       |       |       |       |        |       | Notes                              |
| E&P (PA&ED)                 |  |       |       |       |       |       |        |       | TCEP State Funds (PS&E and R/W)    |
| PS&E                        |  | 760   |       |       |       |       |        | 760   |                                    |
| R/W SUP (CT)                |  | 60    |       |       |       |       |        | 60    |                                    |
| CON SUP (CT)                |  |       |       |       |       |       |        |       |                                    |
| R/W                         |  | 20    |       |       |       |       |        | 20    |                                    |
| CON                         |  |       |       |       |       |       |        |       |                                    |
| TOTAL                       |  | 840   |       |       |       |       |        | 840   |                                    |

| Fund #4:                           | State SB1 TCEP - Trade Corridors Enhancement Account (Committed) |       |       |        |       |       |        |        | Program Code                          |                                 |
|------------------------------------|--|-------|-------|--------|-------|-------|--------|--------|---------------------------------------|---------------------------------|
| Existing Funding (\$1,000s)        |  |       |       |        |       |       |        |        |                                       |                                 |
| Component                          | Prior  | 20-21 | 21-22 | 22-23  | 23-24 | 24-25 | 25-26+ | Total  | Funding Agency                        |                                 |
| E&P (PA&ED)                        |  |       |       |        |       |       |        |        | Caltrans District 3                   |                                 |
| PS&E                               |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
| CON SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W                                |  |       |       |        |       |       |        |        |                                       |                                 |
| CON                                |  |       |       |        |       |       |        |        |                                       |                                 |
| TOTAL                              |  |       |       |        |       |       |        |        |                                       |                                 |
| <b>Proposed Funding (\$1,000s)</b> |  |       |       |        |       |       |        |        |                                       | Notes                           |
| E&P (PA&ED)                        |  |       |       |        |       |       |        |        | TCEP Regional Funds<br>(Construction) |                                 |
| PS&E                               |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
|                                    |  |       |       | 1,871  |       |       |        |        |                                       |                                 |
| CON                                |  |       |       | 16,089 |       |       |        |        |                                       |                                 |
| TOTAL                              |  |       |       |        |       |       |        |        |                                       |                                 |
| <b>Proposed Funding (\$1,000s)</b> |  |       |       |        |       |       |        |        |                                       | Notes                           |
| E&P (PA&ED)                        |  |       |       |        |       |       |        |        |                                       | TCEP State Funds (Construction) |
| PS&E                               |  |       |       |        |       |       |        |        |                                       |                                 |
| R/W SUP (CT)                       |  |       |       |        |       |       |        |        |                                       |                                 |
| CON SUP (CT)                       |  |       |       | 1,629  |       |       |        | 1,629  |                                       |                                 |
| R/W                                |  |       |       |        |       |       |        |        |                                       |                                 |
| CON                                |  |       |       | 14,011 |       |       |        | 14,011 |                                       |                                 |
| TOTAL                              |  |       |       | 15,640 |       |       |        | 15,640 |                                       |                                 |

# PROJECT REPORT

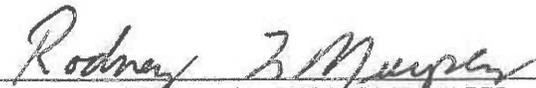
## *For Project Approval*

On Route Interstate 80  
Between Riverside Avenue  
And Rocklin Road

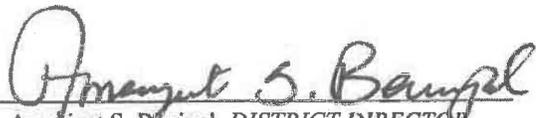
I have reviewed the right-of-way information contained in this report and the right-of-way data sheet attached hereto, and find the data to be complete, current and accurate:

  
John Ballantyne, CHIEF NORTH REGION RIGHT OF WAY

APPROVAL RECOMMENDED:

  
Rod Murphy, PROJECT MANAGER

APPROVED:

  
Amaljeet S. Benipal, DISTRICT DIRECTOR

10-14-16  
DATE

# Project Report

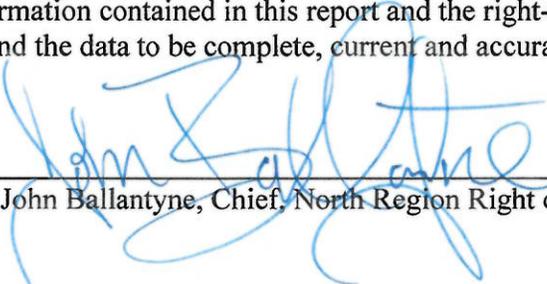
## *For Project Approval*

On Route Sac-5

Between 0.5 miles south of Arena Boulevard Overcrossing (#24-0357)

And 0.4 miles south of the Yolo County Line

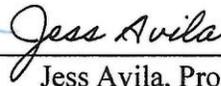
I have reviewed the right-of-way information contained in this report and the right-of-way data sheet attached hereto, and find the data to be complete, current and accurate:



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John Ballantyne, Chief, North Region Right of Way

APPROVAL RECOMMENDED:



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Jess Avila, Project Manager

PROJECT APPROVED:



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Amarjeet S. Benipal, District Director

04/30/21

Date



# ELKHORN INTERMODAL LINK

Project Report

May 5, 2021



This project report has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions, and decisions are based.

**Tim Riordan**

Digitally signed by Tim Riordan  
DN: C=US, E=riordant@saccounty.net,  
O=Sacramento County, OU=Department of  
Airports, CN=Tim Riordan  
Date: 2021.05.05 13:06:36-07'00'

2021-05-05

*Tim Riordan, PE*

DATE

REGISTERED CIVIL ENGINEER

