



RESOLUTION AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE EIGHT PROJECT DELIVERY AGREEMENTS AND ANY AMENDMENTS THERETO WITH THE CALIFORNIA DEPARTMENT OF TRANSPORTATION FOR RECEIPT OF STATE AND FEDERAL FUNDS FOR THE YERBA BUENA ISLAND WESTSIDE BRIDGES SEISMIC RETROFIT PROJECT

WHEREAS, In September 2019, the California Transportation Commission (CTC) adopted the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines which require agencies with projects funded by Proposition 1B funds that have not advanced to the construction phase by December 31, 2019 to execute a Project Delivery Agreement (PDA) with the California Department of Transportation (Caltrans) by March 31, 2020; and

WHEREAS, The Local Bridge Seismic Retrofit Program (LBSRP) is administered by the CTC which proposed the revised guidelines in order to promote the completion of projects, and the PDA represents a commitment by the sponsor agency as to the scope, cost and delivery schedule for the project; and

WHEREAS, Agencies that do not comply with the guideline requirements will be restricted from seeking new obligations in the Caltrans Highway Bridge Program; and

WHEREAS, The Transportation Authority's Yerba Buena Island Westside Bridges Seismic Retrofit Project (Project) was listed as one of the projects requiring a PDA, and the Project requires eight separate PDAs as it was originally setup in the LBSRP as eight separate bridge projects; and

WHEREAS, The Project will demolish eight bridge structures and reconstruct a realigned roadway, six retaining walls, and a new undercrossing structure, as well as seismically retrofitting one structure and relocating a column; and

WHEREAS, Construction of roadway projects on Yerba Buena Island is very complex, requiring significant coordination among a number of entities and projects, including the



United States Coast Guard, which is part of the Department of Homeland Security and is located on Yerba Buena Island; and

WHEREAS, The Project is one of several roadway construction projects on Yerba Buena Island, all of which need to be essentially completed before construction of the Project can start; and therefore, the Project is now scheduled with a conservative construction start date of September 2022 and end date of April 2026; and

WHEREAS, The Project will be delivered using the Construction Manager/General Contractor Project Delivery Method, approved through Resolution 18-42; and

WHEREAS, The Project is funded with Caltrans Highway Bridge Program funds, with matching funds provided from the state Proposition 1B and the Treasure Island Development Authority; and

WHEREAS, The PDAs will not have an impact on the adopted Fiscal Year 2019/20 budget and will provide compliance with the CTC Proposition 1B Local Bridge Seismic Retrofit Account Guidelines to ensure the Project will receive the Highway Bridge Program and Proposition 1B funding; and

WHEREAS, At its January 22, 2020 meeting, the Citizens Advisory Committee was briefed on the subject request and unanimously adopted a motion of support for the staff recommendation; now, therefore, be it

RESOLVED, That the Transportation Authority hereby authorizes the Executive Director to execute eight PDAs and any amendments thereto with Caltrans for receipt of state and federal funds for the Project.

Attachment:

1. Project Delivery Agreements (8)

# Attachment 1

## Local Bridge Seismic Retrofit Program

### Project Delivery Agreement

#### Agency Information

|                      |  |
|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

#### Project Information

|   |  |                 |                               |                      |                    |  |
|---|--|-----------------|-------------------------------|----------------------|--------------------|--|
| <b>Bridge No.</b>                       | <b>01CA0001</b>  |                 |                               |                      |                    |  |
| <b>District:</b>                        | 04   |                 |                               |                      |                    |  |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)  |                 |                               |                      |                    |  |
| <b>Project Title &amp; Description:</b> | I-80 Westside Bridges Project - Retrofit Bridge 01CA0001 as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |  |
| <b>Project Benefit:</b>                 | Seismic Retrofit   |                 |                               |                      |                    |  |
| <b>County Name</b>                      | <b>City</b>  | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |  |
| San Francisco                           | San Francisco  | 94103           | 12                            | 17                   | 11                 |  |

| Project Delivery Milestone      | Current Project Delivery Date |  | Baseline Agreement Date (OLD) |  |
|---------------------------------|-------------------------------|--|-------------------------------|--|
| Begin Design Date               | 8/10                          |  | 8/10                          |  |
| NEPA Completion Date            | 10/17                         |  | 10/17                         |  |
| Begin Right of Way Date         | 4/13                          |  | 4/13                          |  |
| Right of Way Certification Date | 10/21                         |  | 10/20                         |  |
| 100% PS&E Date                  | 10/21                         |  | 10/20                         |  |
| Construction RFA Date           | 9/22                          |  | 10/20                         |  |
| End Construction Date           | 4/26                          |  | 4/24                          |  |
| Closeout Date                   | 10/26                         |  | 4/25                          |  |

|                                     |              |       |       |         |       |       |
|-------------------------------------|--------------|-------|-------|---------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 1,112,744 |       |       |         |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19        | 19/20 | 20/21 | 21/22   | 22/23 | 23/24 |
| Right of Way                        |              |       |       |         |       |       |
| Construction                        |              |       |       | 985,112 |       |       |
| <b>LBSRA/State Match</b>            |              |       |       |         |       |       |
| Right of Way                        |              |       |       |         |       |       |
| Construction                        |              |       |       | 127,632 |       |       |

|  |                             |  |
|--|-----------------------------|--|
| <b>District:</b> 4   | <b>Bridge No.:</b> 01CA0001 |  |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                             |  |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                             |  |
| Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   | _____<br>Date               |  |
| RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   | _____<br>Date               |  |

# Local Bridge Seismic Retrofit Program

## Project Delivery Agreement

### Agency Information

|                      |  |
|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

### Project Information

|   |  |                 |                               |                      |                    |
|---|--|-----------------|-------------------------------|----------------------|--------------------|
| <b>Bridge No.</b>                       | <b>01CA0002</b>  |                 |                               |                      |                    |
| <b>District:</b>                        | 04   |                 |                               |                      |                    |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)  |                 |                               |                      |                    |
| <b>Project Title &amp; Description:</b> | <b>I-80 Westside Bridges Project</b> - Demolish Bridge 01CA0002 and construct replacement facilities as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |
| <b>Project Benefit:</b>                 | Seismic Retrofit   |                 |                               |                      |                    |
| <b>County Name</b>                      | <b>City</b>  | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |
| San Francisco                           | San Francisco  | 94103           | 12                            | 17                   | 11                 |

| Project Delivery Milestone      | Current Project Delivery Date |  | Baseline Agreement Date (OLD) |  |
|---------------------------------|-------------------------------|--|-------------------------------|--|
| Begin Design Date               | 8/10                          |  | 8/10                          |  |
| NEPA Completion Date            | 10/17                         |  | 10/17                         |  |
| Begin Right of Way Date         | 4/13                          |  | 4/13                          |  |
| Right of Way Certification Date | 10/21                         |  | 10/20                         |  |
| 100% PS&E Date                  | 10/21                         |  | 10/20                         |  |
| Construction RFA Date           | 9/22                          |  | 10/20                         |  |
| End Construction Date           | 4/26                          |  | 4/24                          |  |
| Closeout Date                   | 10/26                         |  | 4/25                          |  |

|                                     |               |       |       |            |       |       |
|-------------------------------------|---------------|-------|-------|------------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 57,597,492 |       |       |            |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19         | 19/20 | 20/21 | 21/22      | 22/23 | 23/24 |
| Right of Way                        |               |       |       | 148,867    |       |       |
| Construction                        |               |       |       | 50,842,193 |       |       |
| <b>LBSRA/State Match</b>            |               |       |       |            |       |       |
| Right of Way                        |               |       |       | 19,287     |       |       |
| Construction                        |               |       |       | 6,587,145  |       |       |

|  |                             |  |
|--|-----------------------------|--|
| <b>District:</b> 4   | <b>Bridge No.:</b> 01CA0002 |  |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                             |  |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                             |  |
| Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   | _____<br>Date               |  |
| RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   | _____<br>Date               |  |

# Local Bridge Seismic Retrofit Program

## Project Delivery Agreement

### Agency Information

|                      |  |
|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

### Project Information

|   |   |                 |                               |                      |                    |
|---|---|-----------------|-------------------------------|----------------------|--------------------|
| <b>Bridge No.</b>                       | <b>01CA0003</b>   |                 |                               |                      |                    |
| <b>District:</b>                        | 04  |                 |                               |                      |                    |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)   |                 |                               |                      |                    |
| <b>Project Title &amp; Description:</b> | I-80 Westside Bridges Project - Demolish Bridge 01CA0003 and construct replacement facilities as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |
| <b>Project Benefit:</b>                 | Seismic Retrofit  |                 |                               |                      |                    |
| <b>County Name</b>                      | <b>City</b>   | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |
| San Francisco                           | San Francisco   | 94103           | 12                            | 17                   | 11                 |

| Project Delivery Milestone      | Current Project Delivery Date |  | Baseline Agreement Date (OLD) |  |
|---------------------------------|-------------------------------|--|-------------------------------|--|
| Begin Design Date               | 8/10                          |  | 8/10                          |  |
| NEPA Completion Date            | 10/17                         |  | 10/17                         |  |
| Begin Right of Way Date         | 4/13                          |  | 4/13                          |  |
| Right of Way Certification Date | 10/21                         |  | 10/20                         |  |
| 100% PS&E Date                  | 10/21                         |  | 10/20                         |  |
| Construction RFA Date           | 9/22                          |  | 10/20                         |  |
| End Construction Date           | 4/26                          |  | 4/24                          |  |
| Closeout Date                   | 10/26                         |  | 4/25                          |  |

|                                     |               |       |       |            |       |       |
|-------------------------------------|---------------|-------|-------|------------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 25,682,538 |       |       |            |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19         | 19/20 | 20/21 | 21/22      | 22/23 | 23/24 |
| Right of Way                        |               |       |       | 189,318    |       |       |
| Construction                        |               |       |       | 22,547,433 |       |       |
| <b>LBSRA/State Match</b>            |               |       |       |            |       |       |
| Right of Way                        |               |       |       | 24,528     |       |       |
| Construction                        |               |       |       | 2,921,259  |       |       |

|  |                             |            |
|--|-----------------------------|------------|
| <b>District:</b> 4   | <b>Bridge No.:</b> 01CA0003 |            |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                             |            |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                             |            |
| <hr/> Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   |                             | <hr/> Date |
| <hr/> RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   |                             | <hr/> Date |

# Local Bridge Seismic Retrofit Program

## Project Delivery Agreement

### Agency Information

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|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

### Project Information

|   |   |                 |                               |                      |                    |
|---|---|-----------------|-------------------------------|----------------------|--------------------|
| <b>Bridge No.</b>                       | <b>01CA0004</b>   |                 |                               |                      |                    |
| <b>District:</b>                        | 04  |                 |                               |                      |                    |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)   |                 |                               |                      |                    |
| <b>Project Title &amp; Description:</b> | I-80 Westside Bridges Project - Demolish Bridge 01CA0004 and construct replacement facilities as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |
| <b>Project Benefit:</b>                 | Seismic Retrofit  |                 |                               |                      |                    |
| <b>County Name</b>                      | <b>City</b>   | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |
| San Francisco                           | San Francisco   | 94103           | 12                            | 17                   | 11                 |

| Project Delivery Milestone      | Current Project Delivery Date |  | Baseline Agreement Date (OLD) |  |
|---------------------------------|-------------------------------|--|-------------------------------|--|
| Begin Design Date               | 8/10                          |  | 8/10                          |  |
| NEPA Completion Date            | 10/17                         |  | 10/17                         |  |
| Begin Right of Way Date         | 4/13                          |  | 4/13                          |  |
| Right of Way Certification Date | 10/21                         |  | 10/20                         |  |
| 100% PS&E Date                  | 10/21                         |  | 10/20                         |  |
| Construction RFA Date           | 9/22                          |  | 10/20                         |  |
| End Construction Date           | 4/26                          |  | 4/24                          |  |
| Closeout Date                   | 10/26                         |  | 4/25                          |  |

|                                     |              |       |       |           |       |       |
|-------------------------------------|--------------|-------|-------|-----------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 5,192,814 |       |       |           |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19        | 19/20 | 20/21 | 21/22     | 22/23 | 23/24 |
| Right of Way                        |              |       |       |           |       |       |
| Construction                        |              |       |       | 4,597,198 |       |       |
| <b>LBSRA/State Match</b>            |              |       |       |           |       |       |
| Right of Way                        |              |       |       |           |       |       |
| Construction                        |              |       |       | 595,616   |       |       |

|  |                             |  |
|--|-----------------------------|--|
| <b>District:</b> 4   | <b>Bridge No.:</b> 01CA0004 |  |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                             |  |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                             |  |
| Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   | _____<br>Date               |  |
| RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   | _____<br>Date               |  |

# Local Bridge Seismic Retrofit Program

## Project Delivery Agreement

### Agency Information

|                      |  |
|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

### Project Information

|   |   |                 |                               |                      |                    |
|---|---|-----------------|-------------------------------|----------------------|--------------------|
| <b>Bridge No.</b>                       | <b>01CA0006</b>   |                 |                               |                      |                    |
| <b>District:</b>                        | 04  |                 |                               |                      |                    |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)   |                 |                               |                      |                    |
| <b>Project Title &amp; Description:</b> | I-80 Westside Bridges Project - Demolish Bridge 01CA0006 and construct replacement facilities as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |
| <b>Project Benefit:</b>                 | Seismic Retrofit  |                 |                               |                      |                    |
| <b>County Name</b>                      | <b>City</b>   | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |
| San Francisco                           | San Francisco   | 94103           | 12                            | 17                   | 11                 |

| Project Delivery Milestone      | Current Project Delivery Date |  | Baseline Agreement Date (OLD) |  |
|---------------------------------|-------------------------------|--|-------------------------------|--|
| Begin Design Date               | 8/10                          |  | 8/10                          |  |
| NEPA Completion Date            | 10/17                         |  | 10/17                         |  |
| Begin Right of Way Date         | 4/13                          |  | 4/13                          |  |
| Right of Way Certification Date | 10/21                         |  | 10/20                         |  |
| 100% PS&E Date                  | 10/21                         |  | 10/20                         |  |
| Construction RFA Date           | 9/22                          |  | 10/20                         |  |
| End Construction Date           | 4/26                          |  | 4/24                          |  |
| Closeout Date                   | 10/26                         |  | 4/25                          |  |

|                                     |              |       |       |           |       |       |
|-------------------------------------|--------------|-------|-------|-----------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 6,149,765 |       |       |           |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19        | 19/20 | 20/21 | 21/22     | 22/23 | 23/24 |
| Right of Way                        |              |       |       |           |       |       |
| Construction                        |              |       |       | 5,444,387 |       |       |
| <b>LBSRA/State Match</b>            |              |       |       |           |       |       |
| Right of Way                        |              |       |       |           |       |       |
| Construction                        |              |       |       | 705,378   |       |       |

|  |                             |
|--|-----------------------------|
| <b>District:</b> 4   | <b>Bridge No.:</b> 01CA0006 |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                             |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                             |
| Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   | _____<br>Date               |
| RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   | _____<br>Date               |

# Local Bridge Seismic Retrofit Program

## Project Delivery Agreement

### Agency Information

|                      |  |
|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

### Project Information

|   |  |                 |                               |                      |                    |
|---|--|-----------------|-------------------------------|----------------------|--------------------|
| <b>Bridge No.</b>                       | <b>01CA0007A</b>   |                 |                               |                      |                    |
| <b>District:</b>                        | 04   |                 |                               |                      |                    |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)  |                 |                               |                      |                    |
| <b>Project Title &amp; Description:</b> | I-80 Westside Bridges Project - Demolish Bridge 01CA0007A and construct replacement facilities as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |
| <b>Project Benefit:</b>                 | Seismic Retrofit   |                 |                               |                      |                    |
| <b>County Name</b>                      | <b>City</b>  | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |
| San Francisco                           | San Francisco  | 94103           | 12                            | 17                   | 11                 |

| Project Delivery Milestone      | Current Project Delivery Date |  | Baseline Agreement Date (OLD) |  |
|---------------------------------|-------------------------------|--|-------------------------------|--|
| Begin Design Date               | 8/10                          |  | 8/10                          |  |
| NEPA Completion Date            | 10/17                         |  | 10/17                         |  |
| Begin Right of Way Date         | 4/13                          |  | 4/13                          |  |
| Right of Way Certification Date | 10/21                         |  | 10/20                         |  |
| 100% PS&E Date                  | 10/21                         |  | 10/20                         |  |
| Construction RFA Date           | 9/22                          |  | 10/20                         |  |
| End Construction Date           | 4/26                          |  | 4/24                          |  |
| Closeout Date                   | 10/26                         |  | 4/25                          |  |

|                                     |            |       |       |         |       |       |
|-------------------------------------|------------|-------|-------|---------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 816,005 |       |       |         |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19      | 19/20 | 20/21 | 21/22   | 22/23 | 23/24 |
| Right of Way                        |            |       |       |         |       |       |
| Construction                        |            |       |       | 722,409 |       |       |
| <b>LBSRA/State Match</b>            |            |       |       |         |       |       |
| Right of Way                        |            |       |       |         |       |       |
| Construction                        |            |       |       | 93,596  |       |       |

|  |                              |      |
|--|------------------------------|------|
| <b>District:</b> 4   | <b>Bridge No.:</b> 01CA0007A |      |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                              |      |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                              |      |
|  |                              | Date |
| Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   |                              |      |
|  |                              | Date |
| RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   |                              |      |



# Local Bridge Seismic Retrofit Program

## Project Delivery Agreement

### Agency Information

|                      |  |
|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

### Project Information

|   |  |                 |                               |                      |                    |
|---|--|-----------------|-------------------------------|----------------------|--------------------|
| <b>Bridge No.</b>                       | <b>01CA0007B</b>   |                 |                               |                      |                    |
| <b>District:</b>                        | 04   |                 |                               |                      |                    |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)  |                 |                               |                      |                    |
| <b>Project Title &amp; Description:</b> | I-80 Westside Bridges Project - Demolish Bridge 01CA0007B and construct replacement facilities as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |
| <b>Project Benefit:</b>                 | Seismic Retrofit   |                 |                               |                      |                    |
| <b>County Name</b>                      | <b>City</b>  | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |
| San Francisco                           | San Francisco  | 94103           | 12                            | 17                   | 11                 |

| Project Delivery Milestone      | Current Project Delivery Date |  | Baseline Agreement Date (OLD) |  |
|---------------------------------|-------------------------------|--|-------------------------------|--|
| Begin Design Date               | 8/10                          |  | 8/10                          |  |
| NEPA Completion Date            | 10/17                         |  | 10/17                         |  |
| Begin Right of Way Date         | 4/13                          |  | 4/13                          |  |
| Right of Way Certification Date | 10/21                         |  | 10/20                         |  |
| 100% PS&E Date                  | 10/21                         |  | 10/20                         |  |
| Construction RFA Date           | 9/22                          |  | 10/20                         |  |
| End Construction Date           | 4/26                          |  | 4/24                          |  |
| Closeout Date                   | 10/26                         |  | 4/25                          |  |

|                                     |              |       |       |         |       |       |
|-------------------------------------|--------------|-------|-------|---------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 1,075,661 |       |       |         |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19        | 19/20 | 20/21 | 21/22   | 22/23 | 23/24 |
| Right of Way                        |              |       |       |         |       |       |
| Construction                        |              |       |       | 952,283 |       |       |
| <b>LBSRA/State Match</b>            |              |       |       |         |       |       |
| Right of Way                        |              |       |       |         |       |       |
| Construction                        |              |       |       | 123,378 |       |       |

|  |                             |  |
|--|-----------------------------|--|
| <b>District:</b> 4   | <b>Bridge No:</b> 01CA0007B |  |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                             |  |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                             |  |
| Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   | _____<br>Date               |  |
| RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   | _____<br>Date               |  |

# Local Bridge Seismic Retrofit Program

## Project Delivery Agreement

### Agency Information

|                      |  |
|----------------------|--|
| <b>Agency Name:</b>  | San Francisco County Transportation Authority                      |
| <b>Contact Name:</b> | Eric Cordoba, Deputy Director of Capital Projects                  |
| <b>Phone:</b>        | (415) 522-4512   |
| <b>Email:</b>        | <a href="mailto:Eric.cordoba@sfcta.org">Eric.cordoba@sfcta.org</a> |

### Project Information

|   |  |                 |                               |                      |                    |
|---|--|-----------------|-------------------------------|----------------------|--------------------|
| <b>Bridge No.</b>                       | <b>01CA0008</b>  |                 |                               |                      |                    |
| <b>District:</b>                        | 04   |                 |                               |                      |                    |
| <b>Fed. Aid Project Number</b>          | STPLZ-6272(046)  |                 |                               |                      |                    |
| <b>Project Title &amp; Description:</b> | <u>I-80 Westside Bridges Project</u> - Demolish Bridge 01CA0008 and construct replacement facilities as part of one larger construction contract that includes: Retrofit 1 Bridge and Replace 7 Bridges with Retaining Walls and Roadway Box Culvert Structure, and Roadway Realignment. Bridges included in the overall Project are: 01CA0001, 01CA0002, 01CA0003, 01CA0004, 01CA0006, 01CA0007A, 01CA0007B, and 01CA0008 |                 |                               |                      |                    |
| <b>Project Benefit:</b>                 | Seismic Retrofit   |                 |                               |                      |                    |
| <b>County Name</b>                      | <b>City</b>  | <b>Zip Code</b> | <b>Congressional District</b> | <b>Assembly Dist</b> | <b>Senate Dist</b> |
| San Francisco                           | San Francisco  | 94103           | 12                            | 17                   | 11                 |

| Project Delivery Milestone      | Current Project Delivery Date | Baseline Agreement Date (OLD) |
|---------------------------------|-------------------------------|-------------------------------|
| Begin Design Date               | 8/10                          | 8/10                          |
| NEPA Completion Date            | 10/17                         | 10/17                         |
| Begin Right of Way Date         | 4/13                          | 4/13                          |
| Right of Way Certification Date | 10/21                         | 10/20                         |
| 100% PS&E Date                  | 10/21                         | 10/20                         |
| Construction RFA Date           | 9/22                          | 10/20                         |
| End Construction Date           | 4/26                          | 4/24                          |
| Closeout Date                   | 10/26                         | 4/25                          |

|                                     |              |       |       |           |       |       |
|-------------------------------------|--------------|-------|-------|-----------|-------|-------|
| <b>Proposed Project Cost:</b>       | \$ 1,520,758 |       |       |           |       |       |
| <b>Highway Bridge Program Funds</b> | 18/19        | 19/20 | 20/21 | 21/22     | 22/23 | 23/24 |
| Right of Way                        |              |       |       |           |       |       |
| Construction                        |              |       |       | 1,346,327 |       |       |
| <b>LBSRA/State Match</b>            |              |       |       |           |       |       |
| Right of Way                        |              |       |       |           |       |       |
| Construction                        |              |       |       | 174,431   |       |       |

|  |                            |            |
|--|----------------------------|------------|
| <b>District:</b> 4   | <b>Bridge No:</b> 01CA0008 |            |
| <b>Project Title:</b> I-80 Westside Bridges Project  |                            |            |
| <p>We acknowledge the scope, cost, and delivery schedule as identified above constitute the Project Delivery Dates, as agreed on _____, by both Department of Transportation and the local agency. This project is being monitored by the California Transportation Commission and the Department of Transportation for conformance with these dates in accordance with Local Bridge Seismic Retrofit Account Guidelines and Highway Bridge Program Advisory Committee procedures and policies. We certify that funding sources cited are expected to be available in the delivery year listed. The estimated costs represent funding components for the right of way and construction phases only. If any phase of this seismic retrofit project is not delivered in the year that has been agreed upon in this agreement, HBP funds could be withdrawn as outlined in the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines.</p> |                            |            |
| <hr/> Tilly Chang, Executive Director<br>San Francisco County Transportation Authority   |                            | <hr/> Date |
| <hr/> RIHUI ZHANG<br>Chief<br>Division of Local Assistance<br>Department of Transportation   |                            | <hr/> Date |



# Memorandum

## AGENDA ITEM 10

**DATE:** January 15, 2020

**TO:** Transportation Authority Board

**FROM:** Eric Cordoba - Deputy Director for Capital Projects

**SUBJECT:** 02/11/2020 Board Meeting: Authorize the Executive Director to Execute Eight Project Delivery Agreements and Any Amendments Thereto with the California Department of Transportation for Receipt of State and Federal Funds for the Yerba Buena Island Westside Bridges Seismic Retrofit Project

|   |  |
|---|--|
| <p><b>RECOMMENDATION</b>   <input type="checkbox"/> Information   <input checked="" type="checkbox"/> Action</p> <p>Authorize the Executive Director to Execute Eight Project Delivery Agreements (PDAs) and Any Amendments Thereto with the California Department of Transportation (Caltrans) for Receipt of State and Federal Funds for the Yerba Buena Island (YBI) Westside Bridges Seismic Retrofit Project</p> <p><b>SUMMARY</b></p> <p>We are seeking authorization to execute eight PDAs between our agency and Caltrans for receipt of state and federal funds for the YBI Westside Bridges Seismic Retrofit Project. Guidelines recently adopted by the California Transportation Commission (CTC) require agencies with projects funded by Proposition 1B Local Bridge Seismic Retrofit Program funds that have not advanced to construction by the end of 2019 to execute a PDA for the project by March 31, 2020. Agencies which do not comply with the guideline requirements will be restricted from seeking new obligations in Caltrans Highway Bridge Program. The PDAs represent a commitment by the project sponsor (our agency for the YBI Westside Bridge project) as to the scope, cost and delivery schedule.</p> | <ul style="list-style-type: none"> <li><input type="checkbox"/> Fund Allocation</li> <li><input type="checkbox"/> Fund Programming</li> <li><input type="checkbox"/> Policy/Legislation</li> <li><input type="checkbox"/> Plan/Study</li> <li><input type="checkbox"/> Capital Project Oversight/Delivery</li> <li><input type="checkbox"/> Budget/Finance</li> <li><input checked="" type="checkbox"/> Contract/Agreement</li> <li><input type="checkbox"/> Other: _____</li> </ul> |
|---|--|



## **DISCUSSION**

### **Background.**

In September 2019, the CTC adopted the Proposition 1B Local Bridge Seismic Retrofit Account Guidelines which require agencies with projects funded by Proposition 1B funds that have not advanced to the construction phase by December 31, 2019 to execute a PDA with Caltrans by March 31, 2020. This Agreement represents a commitment by the agency as to the scope, cost and delivery schedule for the project. The Local Bridge Seismic Retrofit Program (LBSRP) is administered by the CTC which proposed the revised guidelines in order to promote the completion of projects. Our YBI Westside Bridges Seismic Retrofit Project (Project) was listed as one of the projects requiring a PDA. The Project requires eight separate PDAs as it was originally setup in the LBSRP as eight separate bridge projects. However, the bridges have recently been consolidated into one project under the Federal Highway Administration program.

The scope of the I-80/YBI Interchange Improvement Project includes two major components: the I-80/YBI Ramps Improvement Project and the YBI Westside Bridges Seismic Retrofit Project. The subject of this request is the YBI Westside Bridges Seismic Retrofit Project.

### **Project Background/Status.**

The YBI Westside Bridges Seismic Retrofit Project will demolish eight bridge structures and reconstruct a realigned roadway, six retaining walls, and a new undercrossing structure. Additionally, one structure will be seismically retrofitted and includes a column relocation. This project will be challenging to implement, given its unique location along the western edge of YBI along steep terrain on the hillside overlooking the San Francisco Bay. In addition to the challenging location, the project presents numerous complex structural (bridge/retaining wall foundations) and geotechnical challenges (unstable soils), as well as difficult construction access (very steep terrain) and environmental constraints (construction adjacent to and above the San Francisco Bay).

Construction of roadway projects on YBI is very complex, requiring significant coordination among a number of entities and projects. One complicating factor is that the United States Coast Guard (USCG) station, which is part of the Department of Homeland Security, is located on YBI. In constructing and reconstructing roadways on YBI, the projects need to be well coordinated to ensure there are sufficient roadways available to provide adequate traffic circulation for the USCG, Caltrans, the Treasure Island Development Authority, Treasure Island Community Development (TICD), and the residents of Treasure Island.

The YBI Westside Bridges Seismic Retrofit Project is one of several roadway construction projects on YBI. The other major roadway construction projects include the Macalla Road Reconstruction Project, the Forest Road Detour Project, and the I-80/YBI Ramps Improvement Project, Phase 1 (Westbound Ramps Project - completed) and Phase 2 (Southgate Road Project -advertised for construction). TICD is the lead for the Macalla Road Reconstruction



Project and the Forest Road Detour Project, while we are the lead for the Westbound Ramps Project and the Southgate Road Realignment Project. All four of these projects need to be essentially completed before construction of the Westside Bridges Project can start (with a seven-month overlap of the Southgate Road Project). As such, the Westside Bridges Project is now scheduled with a conservative start date of September 2022. However, we will be monitoring the progress of the other projects, with a goal of advancing the start of construction of the Westside Bridges project, if at all possible.

In March 2018, through Resolution 18-42, the Board approved the Construction Manager/General Contractor (CM/GC) Project Delivery Method for this project. In October 2018, through Resolution 19-17, the Board awarded a professional services contract to Golden State Bridge/Obayashi Joint Venture for CM/GC preconstruction services and a contract amendment to WMH Corporation to complete design services. Construction of the project is scheduled to begin in fall 2022 and be completed by April 2026.

**Schedule.**

The planned project schedule is shown below.

| <b>Project Delivery Milestone</b>           | <b>Completion Date</b> |
|---|------------------------|
| NEPA Completion Date                        | October 2017           |
| Right of Way                                | October 2021           |
| 100% PS&E Date (Design)                     | October 2021           |
| Construction Request for Authorization Date | September 2022         |
| End Construction Date                       | April 2026             |
| Closeout Date                               | April 2027             |

**Funding/Cost.**

The project is funded with Caltrans Highway Bridge Program (HBP) funds, with matching funds provided from the state Proposition 1B and the Treasure Island Development Authority.



| <b>Planned Project Funding/Cost</b> |   |                                       |                                      |
|-------------------------------------|---|---------------------------------------|--------------------------------------|
| <b>Project Phase</b>                | <b>LBSRP/Local Match Funding (11.47%)</b> | <b>Federal Funding (HBP) (88.53%)</b> | <b>Total Funding/ Cost per Phase</b> |
| Preliminary Engineering             | \$918,403                                 | \$7,088,597                           | \$8,007,000                          |
| Right of Way                        | \$43,815                                  | \$338,185                             | \$382,000                            |
| Construction                        | \$11,328,435                              | \$87,437,342                          | \$98,765,777                         |
| <b>Total</b>                        | <b>\$12,290,653</b>                       | <b>\$94,864,124</b>                   | <b>\$107,154,777</b>                 |

**Next Steps.**

Following Board approval, we will forward the PDAs to Caltrans for signature and submit them to the CTC by the March 31, 2020 deadline.

**FINANCIAL IMPACT**

The recommended action would not have an impact on the adopted Fiscal Year 2019/20 budget. Approval of the recommended action would provide compliance with the CTC Proposition 1B Local Bridge Seismic Retrofit Account Guidelines to ensure we will receive the HBP and Proposition 1B funding.

**CAC POSITION**

The CAC was briefed on this item at its January 22, 2020 meeting and unanimously adopted a motion of support for the staff recommendation.

**SUPPLEMENTAL MATERIALS**

- Attachment 1 - Project Delivery Agreements (8)