

March 1, 2018



COURIER DELIVERY AND E-TRANSMITTAL

State Senator Nancy Skinner
District 9
Capitol Office
State Capitol, Room 2059
Sacramento, CA 95814

**RE: STATE HIGHWAY OPERATIONS AND PROTECTION PROGRAM FUNDING (SHOPP):
Support for Interstate 80 / San Pablo Dam Road Interchange (Phase 2) in San Pablo**

Dear State Senator Skinner:

Critical infrastructure improvements to the State of California Highway System via the State Highway Operations and Protection Program (SHOPP) for CalTrans District 4 is estimated at \$2.4B for 2018 SHOPP, and \$5.2B for 10-year SHOPP funding programs, respectively.

As you know, with the passage of Senate Bill 1 (SB 1), SHOPP funding provides valuable resources available to local Congestion Management Agencies to deliver priority and shovel-ready transportation projects of local and regional significance. On December 21, 2017, CCTA Executive Director Randy Iwasaki transmitted a letter to CalTrans Director Bijan Sartipi, District 4 to request active coordination with current CCTA ongoing projects being considered for 2018 SHOPP funding (See Attachment).

As a follow-up to Mr. Iwasaki's letter, the City of San Pablo would like to stress to you the importance of supporting 2018 SHOPP funding for the **I-80/San Pablo Dam Road Interchange Road Project (Phase 2)** in your respective District. This specific project needs an additional \$65M to build-out Phase 2 for this locally important and regionally-significant transportation project. Right-of-Way (ROW) funding is already secured in the State Transportation Improvement Program (STIP) with the entire project being 2018 SHOPP eligible to consist of: outdated bridge replacement, realignment of existing streets linked to the SPDR overcrossing, widened off-ramps from I-80, and other operational improvements to reduce congestion and accident rates at this segment of I-80 freeway.

Public Health and Safety Concerns

The San Pablo Dam Road overcrossing bridge maintains a non-standard vertical clearance of 14 feet and 8 inches which is an extreme low clearance for heavy traffic flow. As a result, the overcrossing has been susceptible to a number of collisions with trucks and other fatal accidents over the last three (3) year period. A review of recent CHP Traffic CAD data for this segment of the I-80 freeway in San Pablo where this project is located boasts the following staggering statistics, as follows:

Shootings (Total for 3 years Combined): 10

- 2015 - 4
- 2016 - 4
- 2017 - 2

Collisions (Total for 2016 and 2017 Combined): 353

- 2016 - 171
- 2017 - 182 (4 of which were fatalities)

The City of San Pablo has worked extensively for nearly 20 years with CCTA and the West Contra Costa Transportation Advisory Committee (WCCTAC) partners to support this regional transportation project, with Phase I successfully completed by CCTA this past year in 2017. Now, most significantly, Phase 2 of this project needs vital 2018 SHOPP funding allocation to cover the remaining \$65M funding gap in addition to \$16M in committed funding, to meet the total project cost of \$81M. Overall, future Phase 2 improvements would greatly enhance bridge access, traffic safety and reduce congestion, including minimizing the propensity for future accidents and collisions on this segment of I-80 freeway.

On behalf of the City of San Pablo City Council, I personally thank you in advance for any consideration from your office in supporting 2018 SHOPP Funding allocation for this critical regional transportation project in District 9.

For additional information, please contact Matt Rodriguez, San Pablo City Manager at (510) 215-3016, or via email: mattr@sanpabloca.gov.

Sincerely,



Genoveva Calloway, Mayor
City of San Pablo

State Senator Nancy Skinner, District 9

March 1, 2018

Page 3

Attachment: Letter Transmittal dated 12/21/17 from Mr. Iwasaki, CCTA to Mr. Sartipi,
CalTrans District 4

cc: Bijan Sartipi, CalTrans Director, District 4
Randy Iwasaki, Executive Director, CCTA
Tim Haile, Deputy Executive Director, CCTA - Projects
John Nemeth, Executive Director, WCCTAC

San Pablo City Councilmembers

Matt Rodriguez, San Pablo City Manager

Reina J. Schwartz, San Pablo Assistant City Manager

Richard Shepherd, San Pablo Public Works Director/City Engineer (Interim)



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Loella Haskew

David Hudson

Karen Mitchoff

Julie Pierce

Kevin Romick

Robert Taylor

Dave Trotter

Randell H. Iwasaki,
Executive Director

December 21, 2017

Bijan Sartipi, P.E.
District Director
Caltrans, District 4
111 Grand Avenue
Oakland, CA 94607

Subject: Request for funding from State Highway Operations and Protection Program

Dear Mr. Sartipi:

With the advent of Senate Bill 1 (SB1), the State Highway Operations and Protection Program (SHOPP) provides opportunities to deliver critical infrastructure improvements to the State Highway System. The 2018 SHOPP and 10-Year SHOPP is estimated to be \$2.4 and \$5.2 billion, respectively, for Caltrans District 4. This available funding provides opportunities to collaborate between Caltrans and Congestion Management Agencies to deliver priority projects.

2018 SHOPP

The Contra Costa Transportation Authority (CCTA) appreciates the opportunity to review the 2018 SHOPP and appreciate inclusion of pavement rehabilitation projects on SR 242, SR 4 and I-80. CCTA is requesting active coordination with our ongoing projects such as SR 4 Operational Improvements and I-680/ SR 4 Interchange Improvements within the limits of these pavement rehabilitation projects.

CCTA has identified the following important SHOPP eligible projects for Caltrans consideration to program in the 2018 SHOPP.

I-680/SR4 – Phase 3: The project will widen SR 4 from 4 to 6 lanes for approximately 4 miles, including the addition of approximately 2 miles of HOV lane in the eastbound direction. The most significant benefit of the project will be improved safety and operations at the interchange. SHOPP eligible items include Bridge Replacement, Seismic Retrofit, Pavement Replacement, and Safety Lighting. Project costs have increased significantly as a result of needed replacement of existing infrastructure, environmental mitigation and escalating construction costs.

Total Cost	\$128 million
Committed Funding	\$57.4 million
Shortfall	\$70.6 million
SHOPP Request	\$66 million

2999 Oak Road
Suite 100
Walnut Creek
CA 94597
PHONE: 925.256.4700
FAX: 925.256.4701
www.ccta.net

Innovate 680: As part of seven pronged approach to improve mobility on the 8th most congested corridor in the Bay Area, the Authority will be undertaking project development activities on four projects on I-680: 1) Extending HOV lane on Northbound

Total Cost (Ramp Metering)	\$41 million
Committed Funding	\$6 million
Shortfall	\$35 million
SHOPP Request	\$35 million

(NB) I-680 and completing hot spot improvements between Livorna Road and SR242, 2) Bus on Shoulders between Alcosta Blvd and Ygnacio Valley Road, 3) Advanced Technology project which includes implementing innovative operational strategies and preparing the corridor for connected/autonomous vehicle, and 4) Improved transit service in corridor. The "Advanced Technology" project includes the installation of adaptive ramp metering on I-680 in Contra Costa. Ramp metering is an eligible SHOPP project cost. The current estimated cost for the ramp metering including support costs is \$35 million.

I-80 San Pablo Dam Road Interchange – Phase 2:

San Pablo Dam Road is a route of regional significance as it provides a connection between State Route 24 and Interstate 80. In addition, I-80 is a route on the Primary Highway Freight

Total Cost	\$81 million
Committed Funding	\$16 million
Shortfall	\$65 million
SHOPP Request	\$65 million

System. Due to its non-standard vertical clearance, the San Pablo Dam Road overcrossing has been hit repeatedly by trucks resulting in at least one fatality. In addition, there are no shoulders under the overcrossing as the bridge abutment is at the edge of the travel lane. Now that CCTA has substantially completed Phase 1, we are seeking Caltrans assistance in funding Phase 2. Unlike the identified SHOPP bridge replacement projects at Ashby Avenue, University Avenue, and the Maze, this project has been environmentally cleared and 65% design plans are complete. Furthermore, right-of-way (ROW) funding is currently programmed in the STIP. The entire project is SHOPP eligible since it consists of bridge replacement and operational improvements.

State Route 4 Operational Improvements: The project initiation document on this 10th worst commute in the Bay Area was completed in May 2017. The initial phase of the project involves the addition of auxiliary lanes between Port

Total Cost	\$69 million
Committed Funding	\$12 million
Shortfall	\$57 million
SHOPP Request	\$57 million

Chicago Highway interchange and Willow Pass Road interchange, extending the auxiliary lane from Willow Pass Road off-ramp to Willow Road on-ramp, and adding a second exit lane at San Marco Blvd off-ramp. Since the proposed improvements are operational in nature they are eligible for SHOPP funds.

SR4 West Gap

Although the project was constructed some time ago, it was discovered recently that a drainage ditch was not built according to the project plans. We request Caltrans to correct this situation as soon as possible. Caltrans administered the construction contract for the segment of the project. Estimated cost for the correction is likely to be less than \$100,000.

I-680 Safety Lighting

Most recently, CCTA was requested by Caltrans to include safety lighting improvements in the vicinity of the I-680/SR 24 interchange, as part of the I-680 HOV/Express Lane project in the southbound direction. We request Caltrans to provide SHOPP funding for such upgrades or completing such improvements as a stand-alone SHOPP project.

Caldecott Tunnel Lighting and Improvements

CCTA requests considering a project to improve lighting in the Caldecott Tunnel along eastbound SR 24 as it may help reduce traffic slowdowns at the entrance of the tunnel. Other safety improvements may also be needed.

10-Year SHOPP

CCTA has identified the following important SHOPP eligible projects for Caltrans consideration to program in the 10-Year SHOPP.

Eastbound (EB) I-80 at Pinole Valley Road:

Add/extend auxiliary lane from Pinole Valley Road on-ramp to EB I-80 to address vehicles accelerating uphill after stopping at ramp-meter.

Total Cost	\$10 million
Committed Funding	--
Shortfall	\$10 million
SHOPP Request	\$10 million

EB SR 24 between Wilder Road to Camino

Pablo: Construct auxiliary lane along EB SR 24 from on-ramp at Wilder Road to downtown Orinda off-ramp at Moraga Road/Camino Pablo/Brookwood Road.

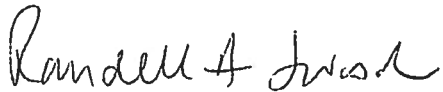
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Committed Funding	--
Shortfall	\$7 million
SHOPP Request	\$7 million

As projects progress further in the project development phases, the Authority will be requesting SHOPP funding for eligible items on future phases of I-680/SR 4 Interchange, SR 4 Operational Improvements, and Innovate 680.

Bijan Sartipi
Caltrans
December 21, 2017
Page 4

The Authority appreciates your consideration to program these projects into the 2018 SHOPP and 10-Year SHOPP. Please contact our organization if you have any questions or require additional information at (925) 256-4724.

Sincerely,

A handwritten signature in black ink that reads "Randell H. Iwasaki". The signature is written in a cursive, flowing style.

Randell H. Iwasaki, P.E.
Executive Director

Project	Interstate 80/San Pablo Dam Road Interchange Improvements (# 7002)
Sponsor	City of San Pablo/Contra Costa Transportation Authority
Subregion	West County

Scope

Reconstruct the existing I-80/San Pablo Dam Road interchange (including modifications to the El Portal Drive and McBryde Avenue ramps) and provide improved pedestrian and bicycle facilities.

To match available funding, the project will be completed in two phases. The first phase will relocate the El Portal Drive on-ramp to westbound (WB) I-80 to the north, extend the auxiliary lane along WB I-80 between San Pablo Dam Road off-ramp and El Portal Drive on-ramp, and reconstruct the Riverside Avenue pedestrian overcrossing. Remaining improvements will be completed as part of the second phase when funding becomes available.

Status

- Construction contract for Phase 1 was signed on December 7, 2015.
- Construction began on January 21, 2016
- The new pedestrian overcrossing opened to the public on October 25, 2016.
- The new El Portal Drive on-ramp opened to traffic on Monday, February 20, 2017.

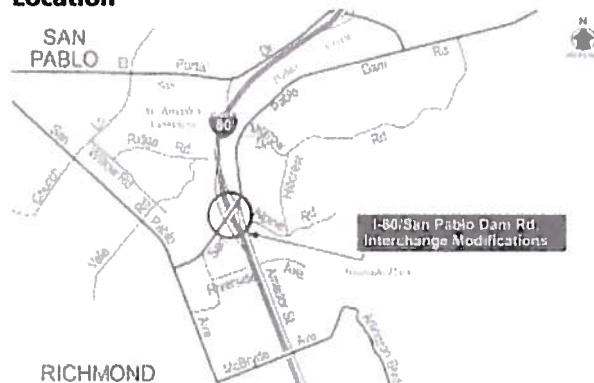
Issues/Areas of Concern

- Staff is coordinating with the City of San Pablo to determine EBMUD's responsibility for the relocation cost of a water main along El Portal Drive.
- Utility conflicts, differing site conditions, mandated changes in pavement mix, and imposed restrictions on work hours have increased construction cost for Phase 1.
- Phase 2 has a significant funding shortfall.
- PG&E power drops are scheduled for completion late 2017.
- Phase 1 has received the final punchlist from Caltrans and is scheduled for completion in early 2018.

Update from Previous Quarterly Report

- Major construction activities have concluded. Punchlist work continues and is expected to be completed early 2018. There is a plant establishment period of 10 months, expected to be completed early 2019.
- PG&E has to connect power at three different locations on the project. PG&E has completed two of the three drops required for the project. The third location is for the lighting on the new Pedestrian Overcrossing at the Riverside Elementary School. The contract for the third drop was signed in August 2017 with the drop scheduled late 2017.

Location



Schedule

	Dates	
	Phase 1	Phase 2
Planning	Complete	Complete
Environmental Clearance	Complete	Complete
Design	Complete	2017-2018
Right of Way and Utilities	Complete	2018-2019
Construction	2015-2017	2020-2022
Post Construction	—	2022-2023

Estimated Cost by Project Phase (\$ 000s)

	Amount	
	Phase 1	Phase 2
Project Management	\$376	\$200
Environmental Clearance	2,239	—
Design	6,691	2,015
Right of Way and Utilities	8,364	14,000
Construction	21,182	56,500
Construction Management	3,031	8,035
Total	\$41,883	\$80,750

Funding by Source (\$ 000s)

	Amount	
	Phase 1	Phase 2
Measure J*	\$13,049	—
Local City	3,000	—
STIP-PPM	9	—
STIP	15,000	\$9,200
RM2	8,000	—
ATP	2,000	—
WCCTAC	700	6,400
EBMUD	125	—
TBD	—	65,150
Total	\$41,883	\$80,750

*\$1.1 million in Measure J was exchanged with STP funds from MTC.

Project Interstate 80/San Pablo Dam Road Interchange Improvements (# 7002) – continued**Major Project Contracts Managed by Authority**

Contract No.	Amend No.	Open/Closed	Agency/Consultant	Description	Appropriated Amount	Billed to Date (10/31/17)	Estimate at Completion	Percent Billed	Percent Physically Complete
212	3	Closed	URS	PA/ED	\$2,238,684	\$2,238,684	\$2,238,684	100%	100%
316 ⁽¹⁾	3	Open	URS	Design	\$6,691,000	\$6,639,022	\$6,691,000	99.2%	99%
330	4	Open	S&C Engineers, Inc.	CM/Utilities	\$65,300	\$64,421	\$64,421	98%	100%
362	2	Open	Contra Costa County	Right of Way	\$755,400	\$749,042	\$755,400	99%	98.5%
370	1	Open	EBMUD	Design/Utilities	\$499,590	\$499,590	\$499,590	100%	100%
381	1	Open	PG&E	Utilities/Electrical	\$550,167	\$529,469	\$550,167	96%	96%
382	—	Open	AT&T	Utilities	\$31,049	\$0	\$31,049	0%	100%
384	—	Open	PG&E	Utilities/Gas	\$362,503	\$0	\$362,503	0%	0%
385	1	Open	EBMUD	Construction/Utilities	\$2,647,750	\$2,470,260	\$2,647,750	96%	100%
386	—	Open	WCWD	Utilities	\$6,250	\$5,710	\$6,250	91%	100%
415	1	Open	The Hanna Group	Construction Services	\$2,869,102	\$2,802,251	\$2,869,102	97.6%	98%
416	1	Open	Brosamer & Wall	Construction	\$21,153,096	\$20,696,807	\$21,153,096	97.8%	98%
432	—	Closed	California Conservation Corps	Construction	\$28,530	\$0	\$28,530	0%	0%

(1) Design Services During Construction (DSDC) task was added to contract and funded from savings on completed tasks.

March 1, 2018



COURIER DELIVERY AND E-TRANSMITTAL

State Assemblymember Tony Thurmond
District 15
Capitol Office:
State Capitol
P.O. Box 942849
Sacramento, CA 94249-0015

**RE: STATE HIGHWAY OPERATIONS AND PROTECTION PROGRAM FUNDING (SHOPP):
Support for Interstate 80 / San Pablo Dam Road Interchange (Phase 2) in San Pablo**

Dear Assemblymember Thurmond:

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The City of San Pablo has worked extensively for **nearly 20 years** with CCTA and the West Contra Costa Transportation Advisory Committee (WCCTAC) partners to support this regional transportation project, with Phase I successfully completed by CCTA this past year in 2017. Now, most significantly, Phase 2 of this project needs vital 2018 SHOPP funding allocation to cover the remaining \$65M funding gap in addition to \$16M in committed funding, to meet the total project cost of \$81M. Overall, future Phase 2 improvements would greatly enhance bridge access, traffic safety and reduce congestion, including minimizing the propensity for future accidents and collisions on this segment of I-80 freeway.

On behalf of the City of San Pablo City Council, I personally thank you in advance for any consideration from your office in supporting 2018 SHOPP Funding allocation for this critical regional transportation project in District 15.

For additional information, please contact Matt Rodriguez, San Pablo City Manager at (510) 215-3016 or via email: mattr@sanpabloca.gov.

Sincerely,



Genoveva Calloway, Mayor
City of San Pablo

State Assemblymember Tony Thurmond
District 15
March 1, 2018
Page 3

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CalTrans District 4

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December 21, 2017

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Federal Glover,
Vice Chair

District Director

Janet Abelton

Caltrans, District 4

Nowell Americh

111 Grand Avenue

Loella Haskow

Oakland, CA 94607

David Hudson

Subject: Request for funding from State Highway Operations and Protection Program

Karen Mitchell

Dear Mr. Sartipi:

Julie Pierce

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Kevin Romick

Robert Taylor

Dave Troller

Randell H. Iwasaki,
Executive Director

2018 SHOPP

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Innovate 680: As part of seven pronged approach to improve mobility on the 8th most congested corridor in the Bay Area, the Authority will be undertaking project development activities on four projects on I-680: 1) Extending HOV lane on Northbound

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SR4 West Gap

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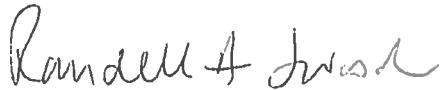
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As projects progress further in the project development phases, the Authority will be requesting SHOPP funding for eligible items on future phases of I-680/SR 4 Interchange, SR 4 Operational Improvements, and Innovate 680.

Bijan Sartipi
Caltrans
December 21, 2017
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Sincerely,

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Randell H. Iwasaki, P.E.
Executive Director

Project	Interstate 80/San Pablo Dam Road Interchange Improvements (# 7002)
Sponsor	City of San Pablo/Contra Costa Transportation Authority
Subregion	West County

Scope

Reconstruct the existing I-80/San Pablo Dam Road interchange (including modifications to the El Portal Drive and McBryde Avenue ramps) and provide improved pedestrian and bicycle facilities.

To match available funding, the project will be completed in two phases. The first phase will relocate the El Portal Drive on-ramp to westbound (WB) I-80 to the north, extend the auxiliary lane along WB I-80 between San Pablo Dam Road off-ramp and El Portal Drive on-ramp, and reconstruct the Riverside Avenue pedestrian overcrossing. Remaining improvements will be completed as part of the second phase when funding becomes available.

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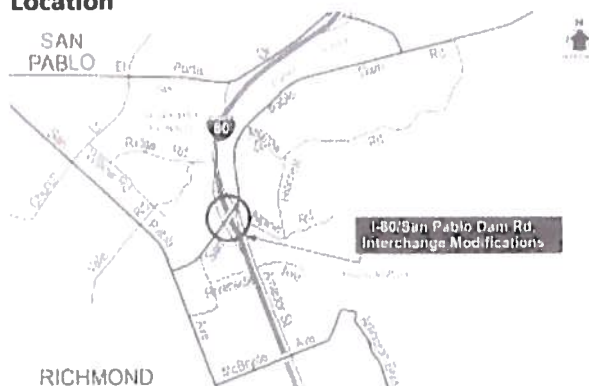
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Schedule

	Dates	
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Post Construction	—	2022-2023

Estimated Cost by Project Phase (\$ 000s)

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Funding by Source (\$ 000s)

	Amount	
	Phase 1	Phase 2
Measure J*	\$13,049	—
Local City	3,000	—
STIP-PPM	9	—
STIP	15,000	\$9,200
RM2	8,000	—
ATP	2,000	—
WCCTAC	700	6,400
EBMUD	125	—
TBD	—	65,150
Total	\$41,883	\$80,750

*\$1.1 million in Measure J was exchanged with STP funds from MTC.

Project Interstate 80/San Pablo Dam Road Interchange Improvements (# 7002) - continued**Major Project Contracts Managed by Authority**

Contract No.	Amend No.	Open/Closed	Agency/Consultant	Description	Appropriated Amount	Billed to Date (10/31/17)	Estimate at Completion	Percent Billed	Percent Physically Complete
212	3	Closed	URS	PA/ED	\$2,238,684	\$2,238,684	\$2,238,684	100%	100%
316 ⁽¹⁾	3	Open	URS	Design	\$6,691,000	\$6,639,022	\$6,691,000	99.2%	99%
330	4	Open	S&C Engineers, Inc.	CM/Utilities	\$65,300	\$64,421	\$64,421	98%	100%
362	2	Open	Contra Costa County	Right of Way	\$755,400	\$749,042	\$755,400	99%	98.5%
370	1	Open	EBMUD	Design/Utilities	\$499,590	\$499,590	\$499,590	100%	100%
381	1	Open	PG&E	Utilities/Electrical	\$550,167	\$529,469	\$550,167	96%	96%
382	—	Open	AT&T	Utilities	\$31,049	\$0	\$31,049	0%	100%
384	—	Open	PG&E	Utilities/Gas	\$362,503	\$0	\$362,503	0%	0%
385	1	Open	EBMUD	Construction/Utilities	\$2,647,750	\$2,470,260	\$2,647,750	96%	100%
386	—	Open	WCWD	Utilities	\$6,250	\$5,710	\$6,250	91%	100%
415	1	Open	The Hanna Group	Construction Services	\$2,869,102	\$2,802,251	\$2,869,102	97.6%	98%
416	1	Open	Brosamer & Wall	Construction	\$21,153,096	\$20,696,807	\$21,153,096	97.8%	98%
432	—	Closed	California Conservation Corps	Construction	\$28,530	\$0	\$28,530	0%	0%

(1) Design Services During Construction (DSDC) task was added to contract and funded from savings on completed tasks.