

BD021120 RESOLUTION NO. 20-35

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



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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)

Agency Information						
Agency Name:	San Francisco C	ounty Transpor	rtation Author	rity		
Contact Name:		Eric Cordoba, Deputy Director of Capital Projects				
Phone:	(415) 522-4512					
Email:	Eric.cordoba@sfct	Eric.cordoba@sfcta.org				
Project Information	_					
Bridge No.	01CA0001					
District:	04					
Fed. Aid Project Number	STPLZ-6272(04	,				
Project Title & Description:	that includes: R Culvert Structur	etrofit 1 Bridgere, and Roadw	e and Repla ay Realignm	ridge 01CA0001 as pice 7 Bridges with Renent. Bridges include 0004, 01CA0006, 01	taining Walls and ed in the overall P	roject are:
Project Benefit:	Sesimic Retrofi	t				
County Name	City	Zip Code	Congress	sional District	Assembly Dist	Senate Dist
San Francisco	San Francisco	94103	12		17	11
Project Delivery Milestone	Current Project	t Delivery Da	te		Baseline Agree	ment Date (OLD)
Begin Design Date	•	8/10			8/10	
NEPA Completion Date		10/17			10/17	
Begin Right of Way Date		4/13	7		4/13	1
Right of Way Certification Date		10/21			10/20	
100% PS&E Date		10/21			10/20	1
Construction RFA Date		9/22			10/20	1
End Construction Date		4/26			4/24	1
Closeout Date		10/26			4/25	
			•			
Proposed Project Cost:	\$ 1,112,744					
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24
Right of Way						
Construction				985,112		
LBSRA/State Match						
Right of Way						
Construction				127,632		
District: 4 Project Title: I-80 Westside Bridges We acknowledge the scope, cost, and one of the scope, cost, and	delivery schedule a Department of Tra epartment of Trans ay Bridge Program very year listed. Th of this seismic retr	nsportation an portation for co Advisory Comr ne estimated co ofit project is n	d the local ag onformance v nittee proced sts represent ot delivered i	e the Project Delivery I ency. This project is be with these dates in acc lures and policies. We funding components n the year that has be	eing monitored by to ordance with Local certify that fundin for the right of way en agreed upon in t	the California Bridge Seismic g sources cited and
Tilly Chang, Executive Director San Francisco County Transportation A RIHUI ZHANG Chief Division of Local Assistance	uthority	-			Date	-
Department of Transportation						

Agency Information							
Agency Name:	San Francisco Co	ounty Transporta	ation Authority				
Contact Name:	Eric Cordoba, De	puty Director of	Capital Projects				
Phone:	(415) 522-4512						
Email:	Eric.cordoba@sfcta.org						
Project Information	_						
Bridge No.	01CA0002						
District:	04						
Fed. Aid Project Number	STPLZ-6272(04	,	Daniel Daie	I 04 O A 0000 -			
Project Title & Description:	<u>I-80 Westside Bridges Project</u> - 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						
Project Benefit:	Sesimic Retrofit						
County Name	City	Zip Code	Congression	al District	Assembly Dist	Senate Dist	
San Francisco	San Francisco	94103	12		17	11	
Project Delivery Milestone	Current Project		9			nent Date (OLD)	
Begin Design Date		8/10	1		8/10		
NEPA Completion Date		10/17	1		10/17		
Begin Right of Way Date		4/13	-		4/13	1	
Right of Way Certification Date		10/21	+		10/20		
100% PS&E Date Construction RFA Date		10/21 9/22	-		10/20 10/20		
End Construction Date		4/26	1		4/24		
Closeout Date		10/26	†		4/25	1	
Closcodi Date		10/20			7/20		
Proposed Project Cost:	\$ 57,597,492						
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24	
Right of Way				148,867			
Construction				50,842,193			
LBSRA/State Match							
Right of Way				19,287			
Construction				6,587,145			
District: 4 Project Title: I-80 Westside Bridges I We acknowledge the scope, cost, and de, by both D Transportation Commission and the Dep Retrofit Account Guidelines and Highwa are expected to be available in the deliviconstruction phases only. If any phase o HBP funds could be withdrawn as outlin	elivery schedule as bepartment of Trans partment of Transp y Bridge Program A ery year listed. The f this seismic retro	nsportation and to portation for con Advisory Commit e estimated cost ofit project is not	the local agency. formance with t ttee procedures s represent fund delivered in the	This project is be hese dates in acco and policies. We ling components f year that has bee	eing monitored by the ordance with Local I certify that funding for the right of way en agreed upon in the	Bridge Seismic sources cited and	
Tilly Chang, Executive Director San Francisco County Transportation At RIHUI ZHANG Chief Division of Local Assistance	uthority				Date	-	
Department of Transportation							

Agency Information						
Agency Name:	San Francisco C	ounty Transpor	tation Authority			
Contact Name:	Eric Cordoba, Deputy Director of Capital Projects					
Phone:	(415) 522-4512					
Email:	<u>Eric.cordoba@sfcta.org</u>					
Project Information						
	-					
Bridge No.	01CA0003					
District:	04					
Fed. Aid Project Number	STPLZ-6272(04	16)				
Project Title & Description:	I-80 Westside E	Bridges Project	- Demolish Bri	dge 01CA0003 a	nd construct repla	cement facilities as
	Retaining Walls in the overall Pr	and Roadway oject are: 01C	Box Culvert St	tructure, and Roa	idway Realignmer	ace 7 Bridges with at. Bridges included 0006, 01CA0007A,
Project Benefit:	01CA0007B, ar Sesimic Retrofi					
County Name	City	Zip Code	Congression	al District	Assembly Dist	Senate Dist
San Francisco	San Francisco	94103	12	iai District	17	11
Carriancisco	Odi i i i i i i i i i i i i i i i i i i	34103	12			
Droinet Dalivery Milestone	Current Drains	t Dolivery De	la.		Panalina Agran	ment Data (OLD)
Project Delivery Milestone Begin Design Date	Current Project	8/10	ie –		8/10	ment Date (OLD)
0		10/17	-		10/17	-
NEPA Completion Date 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	1
Closeout Date		10/26	-		4/25	1
0.00004124.0		10/20	· I		20	
Proposed Project Cost:	\$ 25,682,538					
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24
Right of Way				189,318		
Construction				22,547,433		
LBSRA/State Match						
Right of Way				24,528		
Construction				2,921,259		
District: 4 Project Title: I-80 Westside Bridges	Project	Bridge No:	01CA0003			
We acknowledge the scope, cost, and do, by both D, by both D	Department of Transportment of Transportment of Transportment of Transportment of Transportment of Transportment of this seismic retro	nsportation and portation for co Advisory Comm e estimated cos ofit project is no	the local agency informance with ittee procedures ts represent fund t delivered in the	 This project is be these dates in accordance and policies. We ding components for year that has been 	ing monitored by to ordance with Local certify that funding or the right of way en agreed upon in t	Bridge Seismic s sources cited and
Tilly Chang, Executive Director San Francisco County Transportation A	uthority	-			Date	-
RIHUI ZHANG					Date	
Chief Division of Local Assistance						
Division of Local Assistance Department of Transportation						

Agency Information							
Agency Name:	San Francisco C	ounty Transpor	tation Authority				
Contact Name:	Eric Cordoba, De	eputy Director of	f Capital Projects	5			
Phone:	(415) 522-4512						
Email:	Eric.cordoba@sfct	Eric.cordoba@sfcta.org					
Project Information							
1 rojost imerination	-						
Bridge No.	01CA0004						
District:	04						
Fed. Aid Project Number	STPLZ-6272(04	(6)					
Project Title & Description:	`	,	- Demolish Brid	dge 01CA0004 a	nd construct repla	cement facilities as	
, , , , , , , , , , , , , , , , , , , ,	part of one large Retaining Walls	er construction and Roadway oject are: 01C	contract that in Box Culvert St	cludes: Retrofit ructure, and Roa	1 Bridge and Replander 1 Bridge and Replander 1 Bridge	ace 7 Bridges with tt. Bridges included 0006, 01CA0007A,	
Project Benefit:	Sesimic Retrofit	t					
County Name	City	Zip Code	Congression	al District	Assembly Dist	Senate Dist	
San Francisco	San Francisco	94103	12		17	11	
Project Delivery Milestone	Current Projec	t Delivery Dat	te		Baseline Agreer	ment 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 Closeout Date		4/26 10/26	_		4/24 4/25	<u> </u> 	
Closeout Date		10/26			4/25		
Proposed Project Cost:	\$ 5,192,814						
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24	
Right of Way							
Construction				4,597,198			
LBSRA/State Match							
Right of Way				505.040			
Construction				595,616			
District: 4 Project Title: I-80 Westside Bridges I We acknowledge the scope, cost, and de, by both D Transportation Commission and the Dep Retrofit Account Guidelines and Highwa are expected to be available in the deliw construction phases only. If any phase o HBP funds could be withdrawn as outlin	elivery schedule as lepartment of Transpartment of Transp y Bridge Program ery year listed. The f this seismic retro	nsportation and portation for co Advisory Comm e estimated cos ofit project is no	the local agency nformance with t ittee procedures ts represent fund t delivered in the	r. This project is be these dates in acco and policies. We ding components be year that has be	eing monitored by to ordance with Local certify that funding for the right of way en agreed upon in t	Bridge Seismic s sources cited and	
Tilly Chang, Executive Director San Francisco County Transportation Au RIHUI ZHANG Chief Division of Local Assistance	uthority	-			Date	-	
Department of Transportation							

Agency Information							
Agency Name:	San Francisco C	ounty Transpor	tation Authority				
Contact Name:	Eric Cordoba, De	eputy Director of	f Capital Projects	;			
Phone:	(415) 522-4512						
Email:	Eric.cordoba@sfct	Eric.cordoba@sfcta.org					
Project Information							
1 Toject information	-						
Bridge No.	01CA0006						
District:	04						
Fed. Aid Project Number	STPLZ-6272(04	(6)					
Project Title & Description:	•	,	- Demolish Brid	dge 01CA0006 a	nd construct repla	cement facilities as	
	part of one large Retaining Walls	er construction and Roadway oject are: 01C	contract that in Box Culvert St	cludes: Retrofit ructure, and Roa	1 Bridge and Repl dway Realignmer	ace 7 Bridges with at. Bridges included 0006, 01CA0007A,	
Project Benefit:	Sesimic Retrofit	t					
County Name	City	Zip Code	Congression	al District	Assembly Dist	Senate Dist	
San Francisco	San Francisco	94103	12		17	11	
Project Delivery Milestone	Current Projec	t Delivery Dat	te		Baseline Agreer	ment 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	4	
Closeout Date		10/26			4/25		
Proposed Project Cost:	\$ 6,149,765						
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24	
Right of Way							
Construction				5,444,387			
LBSRA/State Match							
Right of Way							
Construction				705,378			
District: 4 Project Title: I-80 Westside Bridges I We acknowledge the scope, cost, and de		Bridge No:	01CA0006	Project Delivery Γ	Dates as agreed on		
	epartment of Trar artment of Transp / Bridge Program / ery year listed. The f this seismic retro	nsportation and portation for co Advisory Comm e estimated cos fit project is no	the local agency nformance with t ittee procedures ts represent fund t delivered in the	. This project is be these dates in acco and policies. We ling components f year that has bee	eing monitored by the ordance with Local certify that funding for the right of way en agreed upon in the en agreed upon in en agreed upon en agreed upon en agreed upon en agreed en en agreed en agreed en agreed en agreed en agreed en agreed en en agreed en en agreed en en en agreed en en e	Bridge Seismic g sources cited and	
Tilly Chang, Executive Director San Francisco County Transportation Au	ıthority	-			Date	-	
RIHUI ZHANG		-			Date	_	
Chief							
Division of Local Assistance Department of Transportation							

Agency Information							
Agency Name:	San Francisco C	ounty Transpor	tation Authority	у			
Contact Name:	Eric Cordoba, De	-		-			
Phone:	(415) 522-4512						
Email:	Eric.cordoba@sfct	Eric.cordoba@sfcta.org					
Project Information	_						
Bridge No.	040400074						
Bridge No.	01CA0007A						
District:	04						
Fed. Aid Project Number	STPLZ-6272(04	16)					
Project Title & Description:	as part of one la with Retaining \	arger construc Walls and Roa overall Project	tion contract t dway Box Cul are: 01CA00	Bridge 01CA0007A hat includes: Retro lvert Structure, and 01, 01CA0002, 010	fit 1 Bridge and R Roadway Realigr	eplace 7 Bridges nment. Bridges	
Project Benefit:	Sesimic Retrofi	t					
County Name	City	Zip Code	Congression	onal District	Assembly Dist	Senate Dist	
San Francisco	San Francisco	94103	12		17	11	
Project Delivery Milestone	Current Project	 	te			ment 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	4	
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		
Proposed Project Cost:	\$ 816,005						
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24	
Right of Way							
Construction				722,409			
LBSRA/State Match							
Right of Way							
Construction				93,596			
District: 4 Project Title: I-80 Westside Bridges We acknowledge the scope, cost, and d, by both Distriction Commission and the Del Retrofit Account Guidelines and Highwa are expected to be available in the deliv construction phases only. If any phase of HBP funds could be withdrawn as outlined.	elivery schedule as Department of Trans partment of Trans by Bridge Program dery year listed. Th of this seismic retro	nsportation and portation for co Advisory Comm e estimated cos ofit project is no	I the local ager informance with hittee procedur sts represent fu ot delivered in 1	he Project Delivery C ncy. This project is be th these dates in accores and policies. We unding components f the year that has bee	eing monitored by to ordance with Local certify that funding for the right of way en agreed upon in t	Bridge Seismic g sources cited and	
Tilly Chang, Executive Director San Francisco County Transportation A RIHUI ZHANG Chief Division of Local Assistance	uthority	-			Date	-	
Department of Transportation							

Agency Information							
Agency Name:	San Francisco C	ounty Transpor	tation Authority				
Contact Name:	Eric Cordoba, De	eputy Director o	f Capital Project	s			
Phone:	(415) 522-4512	(415) 522-4512					
Email:	Eric.cordoba@sfcta	<u>Eric.cordoba@sfcta.org</u>					
Project Information							
	-						
Bridge No.	01CA0007B						
District:	04						
Fed. Aid Project Number	STPLZ-6272(04	l6)					
Project Title & Description:	•	,	- Demolish Bri	idge 01CA0007B	and construct rep	lacement facilities	
	as part of one la with Retaining V	arger construct Valls and Roa overall Project	tion contract that dway Box Culve are: 01CA0001	at includes: Retro ert Structure, and	fit 1 Bridge and R Roadway Realigr CA0003, 01CA000	eplace 7 Bridges nment. Bridges	
Project Benefit:	Sesimic Retrofit	t					
County Name	City	Zip Code	Congression	nal District	Assembly Dist	Senate Dist	
San Francisco	San Francisco	94103	12		17	11	
Project Delivery Milestone	Current Projec	t Delivery Dat	te		Baseline Agreer	ment 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 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		
					'	•	
Proposed Project Cost:	\$ 1,075,661						
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24	
Right of Way				050 000			
Construction LBSRA/State Match				952,283			
Right of Way				+			
Construction				123,378			
		l		120,010			
District: 4 Project Title: I-80 Westside Bridges We acknowledge the scope, cost, and do	elivery schedule as				Dates, as agreed on eing monitored by t	he California	
Transportation Commission and the Dep Retrofit Account Guidelines and Highwa are expected to be available in the deliv construction phases only. If any phase o HBP funds could be withdrawn as outlin	partment of Transp y Bridge Program ery year listed. The f this seismic retro	portation for co Advisory Comm e estimated cos ofit project is no	nformance with littee procedure its represent fun lit delivered in th	these dates in access and policies. We ding components to eyear that has been	ordance with Local certify that funding for the right of way en agreed upon in t	Bridge Seismic g sources cited and	
Tilly Chang, Executive Director San Francisco County Transportation At	uthority	-			Date	-	
RIHUI ZHANG		-			Date	_	
Chief							
Division of Local Assistance Department of Transportation							
l · '							

Agency Information

Agency Name:	San Francisco Co	ounty Transporta	ation Authority			
Contact Name:	Eric Cordoba, Deputy Director of Capital Projects					
Phone:	(415) 522-4512					
Email:	Eric.cordoba@sfcta.org					
Project Information	=					,
Bridge No.	01CA0008					
District:	04					
Fed. Aid Project Number	STPLZ-6272(04	16)				
Project Title & Description:	•	,	- Demolish Brid	dge 01CA0008 a	nd construct repla	cement facilities as
roject file a bescription.						ace 7 Bridges with
	•	oject are: 01C			, ,	t. Bridges included 0006, 01CA0007A,
Project Benefit:	Sesimic Retrofit	t				
County Name	City	Zip Code	Congression	al District	Assembly Dist	
San Francisco	San Francisco	94103	12		17	11
Project Delivery Milestone	Current Projec	t Delivery Dat	Δ		Baseline Agreer	nent Date (OLD)
Begin Design Date	ourrent rojec	8/10	Ĭ		8/10	
NEPA Completion Date		10/17			10/17	1
Begin Right of Way Date		4/13	1		4/13	1
Right of Way Certification Date		10/21			10/20	1
100% PS&E Date		10/21			10/20]
Construction RFA Date		9/22			10/20	
End Construction Date		4/26			4/24	1
Closeout Date		10/26			4/25	
Proposed Project Cost:	\$ 1,520,758	Lioloo	Tag (g)	To 4/00	laa iaa	Inn in i
Highway Bridge Program Funds	18/19	19/20	20/21	21/22	22/23	23/24
Right of Way				1 246 227		
Construction LBSRA/State Match				1,346,327		
Right of Way						
Construction				174,431		
			!	,		
District: 4 Project Title: I-80 Westside Bridges	Project	Bridge No:	01CA0008			
We acknowledge the scope, cost, and d, by both E Transportation Commission and the Dep Retrofit Account Guidelines and Highwa are expected to be available in the deliv construction phases only. If any phase of HBP funds could be withdrawn as outline	Department of Transportment of Transportment of Transport Bridge Program Avery year listed. The fithis seismic retro	nsportation and portation for cor Advisory Commi e estimated cost ofit project is no	the local agency. Iformance with tittee procedures is represent fund t delivered in the	This project is be hese dates in acco and policies. We ling components f year that has bee	ing monitored by the ordance with Local I certify that funding or the right of way an agreed upon in the in agreed upon in agreed upon in the in agreed upon in agreed upon in in agreed upon in agreed upon in agreed upon in agreed upon in agreed upon in agreed upon in agree	Bridge Seismic sources cited and
		-	S e seisme net e			
Tilly Chang, Executive Director San Francisco County Transportation A	uthority				Date	
RIHUI ZHANG Chief Division of Local Assistance Department of Transportation		-			Date	-



1455 Market Street, 22ND Floor, San Francisco, California 94103 415-522-4800 info@sfcta.org www.sfcta.org

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

RECOMMENDATION	□ Information		☐ Fund Allocation
Authorize the Executive Direc	ctor to Execute Eigh	t Project	☐ Fund Programming
Delivery Agreements (PDAs)	☐ Policy/Legislation		
with the California Departme Receipt of State and Federal	□ Plan/Study		
(YBI) Westside Bridges Seism	□ Capital Project Oversight/Delivery		
SUMMARY			☐ Budget/Finance
We are seeking authorization	to execute eight P[DAs between	☐ Contract/Agreement
our agency and Caltrans for r	•		☐ Other:
for the YBI Westside Bridges Guidelines recently adopted		•	
Commission (CTC) require ag	•	•	
Proposition 1B Local Bridge S		•	
that have not advanced to co	•		
execute a PDA for the project	-	-	
which do not comply with the			
restricted from seeking new o	· ·		
Bridge Program. The PDAs re	•		
project sponsor (our agency project) as to the scope cost		-	



Agenda Item 10 Page 2 of 4

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



Agenda Item 10 Page 3 of 4

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.

Project Delivery Milestone	Completion Date
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.



Agenda Item 10 Page 4 of 4

Planned Project Funding/Cost							
Project Phase	LBSRP/Local	Federal	Total Funding/				
	Match Funding	Funding (HBP)	Cost per Phase				
	(11.47%)	(88.53%)					
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				
Total	\$12,290,653	\$94,864,124	\$107,154,777				

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)