CTC-0001 (NEW 07/2018)

ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017 PROJECT BASELINE AGREEMENT

I-105 Express Lanes

	Resolution SCCP-P-2122-01B
	(will be completed by CTC)
1.	FUNDING PROGRAM
	Active Transportation Program
	Local Partnership Program (Competitive)
	Solutions for Congested Corridors Program
	State Highway Operation and Protection Program
	Trade Corridor Enhancement Program
2.	PARTIES AND DATE
2.1	This Project Baseline Agreement (Agreement) for the <i>I-105 Express Lanes</i> , effective on, October 13, 2021 (will be completed by CTC), is made by and between the California Transportation Commission (Commission), the California Department of Transportation (Caltrans), the Project Applicant, Los Angeles County Metropolitan Transportation Authority , and the Implementing Agency, Los Angeles County Metropolitan Transportation Authority , sometimes collectively referred to as the "Parties".
3.	RECITAL
3.2	Whereas at its December 2, 2020 meeting the Commission approved the Solutions for Congested Corridors Program, and included in this program of projects the <i>I-105 Express Lanes</i> , the parties are entering into this Project Baseline Agreement to document the project cost, schedule, scope and benefits, as detailed on the Project Programming Request Form attached hereto as <u>Exhibit A</u> and the Project Report attached hereto as <u>Exhibit B</u> , as the baseline for project monitoring by the Commission.
3.3	The undersigned Project Applicant certifies that the funding sources cited are committed and expected to be available; the estimated costs represent full project funding; and the scope and description of benefits is the best estimate possible.
4.	GENERAL PROVISIONS
	The Project Applicant, Implementing Agency, and Caltrans agree to abide by the following provisions:
4.1	To meet the requirements of the Road Repair and Accountability Act of 2017 (Senate Bill [SB] 1, Chapter 5, Statutes of 2017) which provides the first significant, stable, and on-going increase in state transportation funding in more than two decades.
4.2	To adhere, as applicable, to the provisions of the Commission:
	Resolution Insert Number, "Adoption of Program of Projects for the Active Transportation Program", dated
	Resolution Insert Number, "Adoption of Program of Projects for the Local Partnership Program", dated
	Resolution G-20-80, "Adoption of Program of Projects for the Solutions for Congested Corridors Program", dated December 2, 2020
	Resolution Insert Number, "Adoption of Program of Projects for the State Highway Operation and Protection Program", dated
	Resolution Insert Number, "Adoption of Program of Projects for the Trade Corridor Enhancement Program", dated

Project Baseline Agreement Page 1 of 3

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

5. SPECIFIC PROVISIONS AND CONDITIONS

5.1 Project Schedule and Cost

See Project Programming Request Form, attached as Exhibit A.

5.2 Project Scope

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

5.3 Other Project Specific Provisions and Conditions

This project is expected to be constructed in three separate packages, which results in an overlap in the design, right of way, and construction schedules. SCCP grant will be used to construct the first package. Metro will request non-proportional spending at the time of Allocation so Metro may draw down first on SCCP funds and then local funds until the overall project reimbursement rate requirement is met.

Attachments:

Exhibit A: Project Programming Request Form

Exhibit B: Project Report

SIGNATURE PAGE TO PROJECT BASELINE AGREEMENT

I-105 Express Lanes

Resolution SCCP-P-2122-01B Stephanie N. Wiggins Chief Executive Officer Project Applicant Chief Executive Officer Implementing Agency 08/25/2021 Date District Director California Department of Transportation Toks Omishakin Director California Department of Transportation 11/8/21 Mitchell Weiss Date **Executive Director**

California Transportation Commission

STATE OF CA FOR A DEPA TME TOFT A SPORTATION (PROJECT PROGRAMMING REQUEST PPR)

P G-0010 (EV 08/2020)

PP D (ePPR-6065-2021-0001 v2 (

Amendment (Existin	Amendment (Existing Project) X YES O (Date 09/20/2021 14:51:15 (
Programs	Programs PP-C PP-F X SCCP TCEP ST P Other								
District	EA	Project D	PP O	o nating Agency					
07	31450 (07150 0122 (4858	Los Angeles County Metropolitan Transportation Author					
County	out	PM Back	PM Ahead	Co- ominating Agency					
Los Angeles	105	R 0.500	R 18.100	Caltrans HQ					
Los Angeles	110	R 13.800	R 14.800	MPO	Element				
				S Q AG	Capital Outlay				
Pr	oject Manager/Cont	act (Phone	Email Addre s					
	Philbe(rt Wong		213-418-3137 (WongP@metro.net					
Project Title									

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n Los Angeles County, on I-105 between Sepulveda Boulevard/Imperial Highway Intersection d Studebaker Road and on I-110 between I-105 Separation and 103rd Street. The proposed project will construct 16.1 miles of Expres Lanes along the 18.1 mile I-105 Coridor in each (direction between I-405 and Studebaker Road and result in two Express Lanes in each direction. The scope of work will include construction of sign structures, pavement restriping, bridge widenings, new/rebuilt retaining walls, new/rebuilt soundwalls, new auxiliary lanes, and new ramp meters.

This project is 16.1 centerline miles and 58.4 lane miles in length. A break down of the lane miles is provided in the additional information section.

Component (mplementing Agency									
PA&ED	Los Angeles County	os Angeles County Metropolitan Transportation Authority							
PS&E	Los Angeles County	Metropolitan Tra	ansportation Authority						
ight of Way	Los Angeles County	Metropolitan Tra	ansportation Authority						
Construction	Los Angeles County	Metropolitan Tra	ansportation Authority (
Legislative Districts									
Assembly: 64	,58,62,63	Senate:	32,33,35,26,30	Congressiona	al:	38,40,43,44			
Mileston		'		Existi	ng	Proposed			
Project Study eport Appl	roved			09/01/2	2015				
Begin Environmental (PA	&ED) Phase (1 01	18 (01/01/2018			
Circulate Draft Environme	ntal Document (Document Typ	e EIR			05/22/2020			
Draft Project eport (5 22	0	05/22/2020			
End Environmental Phase	e (PA&ED Milestone)	(04		05/21/2021			
Begin Design (PS&E) Pha	ase			2		12/01/2021			
End Design Phase (eady	y to ist for Advertiser	ment Milestone)	(05/31/2023			
Begin ight of Way Phase	9			11	1 (11/01/2021			
End ight of Way Phase (ight of Way Certifica	ation Milestone)		9	4	03/31/2023			
Begin Construction Phase	e (Contract Award Mile	estone)		06	3 (06/01/2023			
End Construction Phase (Construction Contrac	t Acceptance Mi	lestone) (12	7 (12/01/2027			
Begin Closeout Phase				1		01/01/2028			
End Closeout Phase (Clos	seout eport) (06/01/2	2028 (06/01/2028 (

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The purpose of the Project (also improve exactivity conception and enhance traffic (postantine and mobility) (miles extincted intervention) and enhance traffic (postantine) and the sections of the conception of the postantial traffic (postantine) and the postantial postantial

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Date 09/20/2021 14:51:15

Additional nformation

This project is 16.1 centerline miles and 58.4 lane miles in length and breaks down as follows: at the west end of the 105 the project improvements begin at the 105/405 interchange at approximately PM2.0. Between(PM2.0 and 3.5 (Imperial Hwy) is a single express lane in each direction. Between PM3.5 and Bellflower Blvd. (PM 16.6) is dual express lanes, and between Bellflower Blvd and Studebaker Road (PM18.1) is a single express lane. The PM calculation is 3 lane miles (105/405 interchange to Imperial Highway) plus 52.4 miles (Imperial Highway to Bellflower Blvd.) plus 3 lane miles (Bellflower Blvd. to Studebaker Road). Total lane miles is 58.4. This project is expected to be constructed in three separate packages, which results in an overlap in the design, right of way, and construction schedules. The contract for the first package will be awarded by December 2023. The entire \$150M SCCP grant will be used for the construction phase of the first package. (

The final design for the second and third packages and right of way will be completed subsequently and will not have SCCP funding for these phases. Metro will request non-proportional spending at the time of Allocation so Metro may draw down first on SCCP funds and then local funds until the overall project reimbursement rate requirement is met. Construction of all three packages is expected to be completed by December 2027. The Begin Design, RTL, Begin Right of Way, End of Right of Way, and Begin Construction milestones are for package 1. The end of construction milestone is for package 3. A possible time extension may be needed since all three packages will not be completed within the 36 months period of SCCP funds allocation.

Package 1: Rte 405 to Central Avenue; RTL Spring 2023 Package 2: Central Avenue to Rte 710; RTL Summer 2024

Package 3: Rte 710 to Studebaker; RTL Fall 2024

Estimated cost for package 1 is \$175M. Estimated cost for packages 2 and 3 is \$371M. (

STATE OF CA FOR A DEPA TME TOFT A SPORTATION PROJECT PROGRAMMING REQUEST PPR)

P G-0010 (EV 08/2020)

PP D ePPR-6065-2021-0001 v2

		Performance Indica	ators and Measure	S		
Measure	Required For	Indicator/Measure	Unit	Build	Future No Build	Change
Congestion	LPPF, LPPC,	Project Area, Corridor, County, or	Total Miles	23,271,473,505	(20,104,525,290	3,166,948,215 (
Re(duction	SĆCP	Regionwite VMT per Capita and Total	VMT per Capita	3.54	3.2	0.34
	LPPF. (LPPC.(Person Ho(urs of Travel Time Sa(ved	Person Ho(urs	74,108,201	0	74,108,201
	SCCP	Person Holdurs of Travel Tiline Salved	Ho(urs per(Ca(pita	0.01	0	0.01
	LPPF, LPPC, SCCP	Da(ily Va(hid(le Ho(urs off Da(lay (H ơ (urs	388,899	493,180	-104,281
Sy⁄stem Re⁄liabil/(ty (LPPF, LPPC, SCCP	Peak Period Travel Time Reliability	Index	1.22	1.27	-0.05
	LPPF, LPPC, SŒŒ¶	Transit Sarvice On-Time Performance	% "On-time"	0	0	0
Ain(Quality & (LPPF, LPPC,	Particulate Matter	PM 2.5 Tons	56	53	3
GHG (SCCP, TCER	r ai l iculate iviattei	PM 10 To(ns	59	57	2
	LPPF, (LPPC,(SC(C)P, TC(E)P	Ca(rbon Diφxide (CΦ2)	Ta(n(s	6,816,839	6,758,622	58,217
	LPPF, LPPC, SCCP, TQER	Vdatile Organic Cdmpounds (VՓC)	Tons	616	622	-6
	LPPF, LPPC, SCCP, TCEP	Su(lphur Ditoxides (SQx)	Ta(ns	67	67	0
	LPPF, LPPC, SCCP, TQEF	Ca(rlφon Monoxide (CΦ)	Tons	16,624	17,348	-724
	LPPF, LPPC, SCCP, TQEF	Nitrogen(Oxides (NΦx)	Ta(ns	4,471	4,517	-46
Saffety (LPPF, (LPPC,(SC(C)F, TC(E)F	Nuntber of Non-Motorized Fatalities and Non-Motorized Serious Injuries	Nun(ber	0	0	0
	LPPF, LPPC, SCCP, TQEF	Nu(mber of Fa(talities	Number	78	88	-10
	LPPF, LPPC, SCCP, TQER	Fa(talities(per 100 Million VI/(T	Nu(mber	0.006	0.009	-0.003
	LPPF, (LPPC,(SCCP, TC(ER(Number of Serious Injuries	Number	7,685	8,634	-949
	LPPF, LPPC, SCCP, TCEP	Number (of Serious Injuries per 100 Million V)(1T	Number	0.59	0.859	-0.269
Adces(sibility (LPPF, LPPC, SC(C)F(Number of Jobs Adcess (ble by Mode	Nun(ber	465,593	465,593	0
	LPPF, LPPC, SCCP	Nu(mber of De(stinations Adce(ssible by Mode	Nu(mber	9,776	9,776 (0
	LPPF, LPPC, SQQP	Percent of Populat(on Defined as Low (Income or Disativantaged Within (1/2 Mile of Rail Station, Fe(r)(y Te(rminal, or High-Frequency Bu(s \$top	%	0	0	0
Edono(mic De(velopment	LPPF, LPPC, SCCP, TQER	Jobs C reated (Di (ect and Indirect)	Number	6,577	0	6,577
Co(st Ef(ectivenes(s (LPPF, (LPPC, (SC(C)R, T(C)E(R)	Co(st Be(nefit Ra(tio (Ra(tio (1.1 (0 (1.1 (

STATE OF CA FOR A DEPA TME TOFT A SPORTATION (PROJECT PROGRAMMING REQUEST PPR) (P G-0010 (EV 08/2020)

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PP D ePPR-6065-2021-0001 v2

		Exis	ting Total P	roject Cos	t (\$1,000s)				
Component	Prior	21-22	22-23	23-24	24-2 5	25-26	26-2 7 +	Total (mplementing Agen(cy
E&R (PA&ED)((13,121							13,121	Los Angeles County Metropolitan Tra
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/W SUP (CT)									Los Angeles County Metropolitan Tra
CO SUPP (CT)									Los Angeles County Metropolitan Tra
/W (3,081						3,081	Los Angeles County Metropolitan Tra
CQN			546,036					546,036	Los Angeles County Metropolitan Tra
TQTA (13,121	49,964	546,036					609,121	
		Propo	osed Total I	Pr(pject Cd	st (\$1,000s)	(•		otes
E&F (PA&ED)((13,121							13,121	
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TQTA (13,121	49,964	546,036					609,121	
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Component	Prior	21-22	22-23	23-24	24-25 (25-26 (26-27+ (Total	Funding Agency
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CO SU(F) (CT)									
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СФИ									
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Fu(nd #2: (Pr ⁄ gram C ∕ (de								
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Co(mponent (Prior (21-22 (22-23 (23-24 (24-25 (25-26 (26-27+ (To(tal	Fu(nding Ag(ency
E&F (PA&ED)									Los Ar(geles Co(unty Metropolitan Tr
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/W SUP (CT)									the local funds (
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CQN(396,036					396,036	
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STATE OF CA FOR A DEPA TME TOFT A SPORTATION (PROJECT PROGRAMMING REQUEST PPR)

P G-0010 (EV 08/2020)

PP D ePPR-6065-2021-0001 v2

Fund #4: (CMAQ - C	ongestion I	Mitigation (Committed)	(Program Code
		20.30.010.820							
Component	Prior	21-22 (22-23	23-24	24-25 (25-26 (26-27+ (To(tal (Funding Agency
E&P (PA(&ED) (2,607							2,607	Los Ar(geles County Metropolitan Tr
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			Pr (posed I	Fu(nding (\$1	,000s) (otes
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STATE OF CA FOR A DEPA TME TOFT A SPORTATION (PROJECT PROGRAMMING REQUEST PPR) (

P G-0010 (EV 08/2020)

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District	County	oute	EA 24450 /	Project D	PP 0 (
07 SECT O N1 - All Projec	Los Angeles, Los Angeles (105, 110 (31450 (0715000122 (4858
Project Background					
print ePPR for baseline	agreement.				
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D					
Programming Change	equested (
eason for Proposed C					
print ePPR for baseline	agreement.				
f proposed change will cost increase will be fur	delay one or more components, clearly ϵ	explain 1) reason for the	e delay, 2) cost increa	se related to the delay,	and 3) how
Other Cinnificant afama	ation 1				
Other Significant nform	ation (
SECT O N2 - For SB1 F					
	quest (Please follow the individual SB1 p	rogram guidelines for s	specific criteria) (
orint ePPR for baseline	agreement.				
Approvals					
I hereby certify that the request.	above information is complete and accur	ate and all approvals h	ave been obtained fo	r the processing of this	amendment
ame (Print	or Type) Sig	nature	Title		Date
,					
OFOT ONE AUST	4-				
SECT O N3 - All Project	TQ .				

Attachments

- 1) Concurrence from mplementing Agency and/or egional Transportation Planning Agency
- 2) Project ocation Map (

STATE OF CA FOR A DEPA TME TOFT A SPORTATION (PROJECT PROGRAMMING REQUEST PPR)

P G-0010 (EV 08/2020)

PP D (ePPR-6065-2020-0016 v1 (

Amendment (Existing	Amendment (Existing Project) X YES O (Date 08/20/2021 16:17:11 (
Programs	Programs PP-C PP-F SCCP TCEP STP Other								
District	EA	Project D	PP O	ominating Agency (
07	31451 (0721000192 (4858A	Los Angeles County Metropolitan Transportation Author					
County	oute	PM Back	PM Ahead	Co- ominating Agency					
Los Angeles	110	R 13.800	R 14.800						
Los Angeles	105	R 0.500	R 18.100						
				S(
Pr	oject Manager/Cont	act (Phone	S					
	Philbert Wong		213-418-3137 (Р					
Project Title									

I-105 Express Lanes - Roadside Toll Collection System (RTCS)

ocation (Project imits), Description (Scope of Work)

Los Angel (s County, on I-105 between Sepulveda Boulevard/Imp rial Highway Inters ction and Studebak r Road and on I-110 between I-105 Separation and 103rd Street. This project will construct the Roadside Toll Collection System (RTCS) needed to operate the I-105 Express Lanes. The scope of work includes the purchase and installation of dynamic message signs to display toll rates and travel time information, toll gantries to read vehicle transponders, enforcement beacons, closed circuit television cameras, pavement detection equipment, fiber optic wiring, and other associated equipment. Once the toll equipment is installed, systems testing and integration will be required.

Component (mplementing Agency								
PA&ED	Los Angeles County	s Angeles County Metropolitan Transportation Authority								
PS&E	Los Angeles County	Los Angeles County Metropolitan Transportation Authority								
ight of Way (os Angeles County Metropolitan Transportation Authority									
Construction Los Angeles County Metropolitan Transportation Authority (
Legislative Districts										
Assembly: 64	,58,62,63	Senate:	32,33,35,26,30	Congression	al:	38,40,43,44				
Mileston				Existi	ing	Proposed				
Project Study eport Appr	roved (09/01/2	2015					
Begin Environmental (PA	&ED) Phase (1 01	18 (01/01/2018				
Circulate Draft Environme	ntal Document (Document Type	e EIR			05/22/2020				
Draft Project eport (5 22	0	05/22/2020				
End Environmental Phase	(PA&ED Milestone)	(4	1	05/21/2021				
Begin Design (PS&E) Pha	ise (07	2	07/01/2022				
End Design Phase (eady	y to ist for Advertiser	ment Milestone)				12/01/2024				
Begin ight of Way Phase)					12/01/2024				
End ight of Way Phase (ight of Way Certifica	ation Milestone)	(4	12/01/2024				
Begin Construction Phase	(Contract Award Mile	01	5 (01/01/2025						
End Construction Phase (Construction Contract	t Acceptance Mil	estone) (12	7 (12/01/2027				
Begin Closeout Phase				1		01/01/2028				
End Closeout Phase (Clos	seout eport) (06/01/2	2028 (06/01/2028 (

STATE OF CA (FOR A DERA (THE TOFT (A (SRORTATION PROJECT PROGRAMMING REQUEST (RRR)

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Pu(rpose and	(ed
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The purpose of the Project is to improve existing congestion and ehance traffic operations and mobility on I-105. Deficiencies include: Current daily traffic demand on some section of I-105 exceed capacity due to heavy traffic both welekdays and welekends; existing traffice of the mixed flow and HQV lanes exceeds capacity, existing HQV facilities are degraded and travel speed is below 45 mph during peak periods.

H\$ (mprovements (YE(\$ (O	oadwa(y Class NA)	R ∉ versible La	ne An(alysis (X YE(S) (O					
nc. Sustainable Communities Strategy Goals (YES (O) educe Greenhouse Gas Entissions YES (O								
Project Outputs								
r								
TMS (Traffic Management Systems)	Communications (fiber optics) (Miles (16.1					
TMS (Traffic Management Systems)	Changeable message signs (EA	20					
TMS (Traffic Management Systems) (Closed circuit television cameras (FA	38 (

STATE OF CA	FOR A	DEPA	TME	T OF T	Α	SPO RTA	ATON (
PROJECT	PROC	SRAM	IMIN	G RE	Ql	JEST	PPR)	(
P G-0010 (E'	V 08/2020) (•	

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Date 08/20/2021 16:17:11

Additional nformation

The RTCS will be delivered using a Design/Build/Operate/Maintain (DBOM) contract. In addition, no right of way is needled to construct the RTCS.

Toll gantries (14 total) should be included in the outputs section.

This is a supporting PPR for the RTCS - the actual performance measures are included in the Infain PPR (I-105 ExpressLanes(- Construction).

STATE OF CA FOR A DEPA TME TOFT A SPORTATION (
PROJECT PROGRAMMING REQUEST PPR) (

P G-0010 (EV 08/2020)

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Performance Indicators and Measures									
Measure	ure Required For Indicator/Measure Unit Build Future No Build Change								
Congestion	LPPF, LPPC,	Person Hours of Travel Time Saved(Person Hours (0	0	0			
Reduction	SCCP	reison flours of flaver fillie Saveu	Hours per Capita	0	0	0			

STATE OF CA FOR A DEPA TME T OF T A SPORTATION PROJECT PROGRAMMING REQUEST PPR) (

P G-0010 (EV 08/2020)

PP D ePPR-6065-2020-0016 v1

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STATE OF CA FOR A DEPA TME TOFT A SPORTATION PROJECT PROGRAMMING REQUEST PPR) (

P G-0010 (EV 08/2020)

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STATE OF CA FOR A DEPA TME TOFT A SPORTATION (PROJECT PROGRAMMING REQUEST PPR) (

P G-0010 (EV 08/2020) (

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SECT O N1 - All	-					
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Approvals						
I hereby certify the request.	nat the above information is	complete and accurate	and all approval	s have been obtained	for the processing	of this amendment
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SECT O N3 - All	Projects					

Attachments

- 1) Concurrence from mplementing Agency and/or egional Transportation Planning Agency
- 2) Project ocation Map (

ROAD REPAIR AND ACCOUNTBILITY ACT OF 2017 SOLUTIONS FOR CONGESTED CORRIDORS PROGRAM PROJECT BASELINE AGREEMENT I-105 Express Lanes

Exhibit B: Project Report

To view the entire Project Report documents for the I-105 Express Lanes go to: https://www.dropbox.com/sh/g87fayhqryka23c/AABJU4VJyXWDS7YpbqRuIhToa?dl=0