35814

AMENDMENT No. 2

TO CALL FOR PROJECTS PROPOSITION C AND MEASURE R FUNDING AGREEMENT BETWEEN CITY OF LONG BEACH AND THE LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

This Amendment No. 2 to the Funding Agreement (this "Amendment"), is dated as of May 4, 2022 by and between the City of Long Beach ("Grantee") and the Los Angeles County Metropolitan Transportation Authority ("LACMTA").

RECITALS:

A. Grantee and LACMTA entered into that certain Funding Agreement No.920000000MR31570, dated March 2, 2020, which was amended on September 20, 2021, (the "Existing FA"), which Existing FA provides for the Artesia Great Boulevard Project (the "Project"); and

B. WHEREAS, the Grantee desires to increase the Project's budget of Measure R by \$9,112,000 from \$2,215,000 to \$11,327,000. This amount is within the Board authorized budget increase for the Project, which was approved by the LACMTA Board on January 27, 2022; and

C. WHEREAS, the LACMTA Board on October 25, 2018, delegated administrative authority to staff to extend funding agreement lapse dates to meet PA&ED, PS&E, ROW and Construction time Frames; and

D. WHEREAS, the Grantee and LACMTA desire to extend the lapsing date of FY2017-18 Measure R Funds to June 30, 2023; and

E. WHEREAS, the Funds are currently programmed for the Project as follows \$1,450,000 in Measure R Funds in FY 2017-18, \$765,000 in Measure R Funds in FY 2021-22, \$4,112,000 in Measure R Funds in FY 2022-23, \$5,000,000 in Measure R Funds in FY 2023-24, \$3,264,059 in Proposition C 25% Funds in FY 2019-20 and \$3,263,059 in Proposition C 25% Funds in FY 2020-21. The total designated amount for the Project is \$17,854,118; and

F. Grantee and LACMTA desire to amend the Existing FA as provided herein.

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AGREEMENT:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the parties hereby agree as follows:

1. Part I, Paragraph 2.4 of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following: "To the extent the Measure R funds are available, LACMTA shall make to GRANTEE a grant of the Measure R funds in the amount of \$11,327,000 (the "Funds") for the Project. LACMTA Board of Directors actions on April 26, 2018, July 22, 2021, and January 27, 2022 granted the Measure R Funds for the Project. The Funds are currently programmed in four (4) Fiscal Years: \$1,450,000 in FY 2017-18; \$765,000 in FY 2021-22; \$4,112,000 in Measure R Funds in FY 2022-23; and \$5,000,000 in Measure R Funds in FY 2023-24."

2. Part II, Section 8.1 (iv, v, and vi) of the Existing FA is hereby amended by deleting it in its entirety and replacing it with the following:

"(iv) Expending the Measure R Funds granted under this FA for allowable costs within **five years or 60 months** from July 1 of the Fiscal Year in which the Funds are programmed, unless otherwise stated in this FA. All Measure R Funds programmed for FY 2017-18 are subject to lapse by June 30, 2023.

(v) Expending the Measure R Funds granted under this FA for allowable costs within **three years or 36 months** from July 1 of the Fiscal Year in which the Funds are programmed, unless otherwise stated in this FA. All Measure R Funds programmed for FY 2021-22 are subject to lapse by June 30, 2024. All Measure R Funds programmed for FY 2022-23 are subject to lapse by June 30, 2025. All Measure R Funds programmed for FY 2023-24 are subject to lapse by June 30, 2026.

(vi) Expending the Proposition C 25% Funds granted under this Agreement for allowable costs by June 30, 2023 (lapse date), within **36 months** from July 1 of the FY 2020-21, final Fiscal Year in which funds are programmed."

3. Attachment A-1 of the Existing FA is hereby replaced by Attachment A-2, attached.

4. Attachment B1-1 of the Existing FA is hereby replaced by Attachment B1-2, attached.

5. Attachment C-1 of the Existing FA is hereby replaced by Attachment C-2, attached.

6. Attachment E-1– TIP Sheet of the Existing FA is hereby replaced by Attachment E-2, attached.

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7. Except as expressly amended hereby, the Existing FA remains in full force and effect as originally executed. All rights and obligations of the parties under the Existing FA that are not expressly amended by this Amendment shall remain unchanged.

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Project#: CFP#F9130 & F7316/MR#315.70 Amendment No. 2 FA# 920000000MR31570

IN WITNESS WHEREOF, the parties have caused this Amendment No. 2 to the FA to be executed by their duly authorized representatives as of the dates indicated below:

LACMTA:

ES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY LOS ANGE Date Bv Stephanle N. Wiggins Chief Executive Officer

APPROVED AS TO FORM:

DAWYN R. HARRISON Acting County Counsel

By: Deputy

Date: 7/19/2022

GRANTEE:

CITY OF LONG BEACH

Lunda F. Jakim By:

Tom Modica City Manager EXECUTED PURSUANT TO SECTION 301 OF THE CITY CHARTER.

4

APPROVED AS TO FORM:

By:

Charles Parkin City Attorney

upt 3 2022 Date: ____

Date: 7/28/22

44	\$ 4,112,000.00	765,000.00	\$ 765	\$ 4,772,059.00	5,471,084.00 \$	40 ()]	•	1,450,000.00	•	unds Programmed
									Ē	antee / Sponsor Match
1				\$ 900,000.00	1,598,000.00 \$	\$ 1				
				\$ 609,000.00	364,025.00 \$	\$				
					245,000.00	s				
										5 & F9130)
										rantee Fundng
										ure R (LACMTA Funds)
										ogrammed Measure R
4	\$ 4,112,000.00									
		765,000.00	\$ 765					1,450,000.00	\$	
										grammed Prop C 25%
				\$ 3,263,059.00	2,833,559.00 \$	\$ 2				

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C of or						\$2,000,000	\$3,000,000
C 25%	\$0	\$0	\$0	\$0	\$0	\$2,000,000	\$3,000,000
S:	\$760,497	\$600,000	\$600,000	\$254,503	\$275,000	\$4,075,000	\$5,175,000
DING:							
		¢225.500	6225 500	6224 500			
		\$225,500	\$225,500	\$224,500			
					\$200,000	\$200,000	\$200,000
						\$750,000	\$750,000
LOCAL	\$0	\$225,500	\$225,500	\$224,500	\$200,000	\$950,000	\$950,000
5 : '	\$0	\$225,500	\$225,500	\$224,500	\$200,000	\$950,000	\$950,000
	\$760,497	\$825,500	\$825,500	\$479,003	\$475,000	\$5,025,000	\$6,125,000
	FY 2023-24 Qtr 1	FY 2023-24 Qtr 2	FY 2023-24 Qtr 3	FY 2023-24 Qtr 4	FY 2024-25 Qtr 1	FY 2024-25 Qtr 2	FY 2024-25 Qtr 3
UNDS:							
-	\$275,000	\$275,000					
URER	\$1,000,000 \$1,275,000	\$960,643 \$1,235,643	\$0	\$0	\$0	\$0	\$0
	\$1,2/3,000	\$1,233,043	30	06	30	30	30
C 25%	\$0	\$0	\$0	\$0	\$0	\$0	\$0
S:	\$1,275,000	\$1,235,643	\$0	\$0	\$0	\$0	\$0
DING:							
LOCAL	\$0	\$0	\$0	\$0	\$0	\$0	\$0
:	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	\$1,275,000	\$1,235,643	\$0	\$0	\$0	\$0	\$0
UNDS							
	\$0	\$0	\$0	\$0	\$0	\$0	\$0

ATTACHMENT C-2 SCOPE OF WORK CAPITAL PROJECT

PROJECT NAME:

Artesia Great Boulevard

PROJECT LOCATION/LIMITS/AREA:

The project limits on Artesia Boulevard are from the Western City Limit (at Harbor Avenue) to the Eastern City Limit (at Downey Avenue) for a total length of 3.2 miles.

PROJECT DESCRIPTION INCLUDING MULTI-YEAR SUBREGIONAL PROGRAM AND PROJECT NEXUS:

The purpose of the project is to improve safety and operational capacity on Artesia Boulevard, in the City of Long Beach. The City's recently adopted Mobility Element identifies four Congestion Hot Spots along the length of Artesia Boulevard, primarily due to its immediate proximity to SR-91. The Artesia Boulevard corridor is located approximately 1,000 feet to the South of SR-91 and runs parallel to the State highway. Unexpected events that occur on SR-91 typically create recurring congestion that typically negatively impacts the operational efficiency of Artesia Boulevard. Within the project limits there are six highway interchanges that impact the operations of Artesia Boulevard when SR-91 has events. While Artesia Boulevard must continue to serve regional traffic and spillover traffic from SR-91, it must also allow for travel that is more efficient for all modes, including vehicles, bicyclists, pedestrians, and transit.

OVERALL PROJECT SCOPE:

In an effort to achieve economies of scale, minimize redundancies, and deliver a single, costeffective project the City of Long Beach and the Los Angeles County Metropolitan Transportation Authority have agreed to consolidate the three projects, Artesia Corridor Adaptive Traffic Control System (ATCS) Enhancement Project, Artesia Great Boulevard, and Artesia Boulevard Project as the Artesia Great Boulevard (the "Project"). The overall Project scope includes all scope elements from each of the three projects. However, each of the three projects include specific eligible scope elements and budgetary requirements that shall be followed through the development of the Project and identified in the Individual Project Scope and Budget Requirements.

The Scope of Work (SOW) for the Project includes a series of operational improvements along the 3.2-mile length of Artesia Boulevard, within the City of Long Beach. Project features include the following elements.

The Project includes re-design of existing center medians. Geometrical roadway changes would modify existing medians for the accommodation of new roadway geometrics that will enhance capacity and operational improvements. The original scope noted narrowing existing 18-feet wide medians to 10-feet wide; however, based on further design development capacity enhancement, operational improvements and complete street elements are accomplished with median widths typically of 12-feet. Center medians will be upgraded with new landscaping and irrigations systems to improve overall aesthetics on the corridor. Signalized intersections will be modified with bulb-outs that will provide additional safety by shortening the crossing distance for pedestrians. The construction of bulb-outs will also improve signal timing by shortening pedestrian crossing distances and reducing signal cycle lengths. Additional hardscape work will include the design and constructions of new bulb-outs with bio swales for on-site drainage where needed. New catch basins will be added to address problematic flooding and standing water.

The Project will upgrade and modify traffic signals within the 3.2-mile corridor. Equipment that is past its service life will be replaced. Equipment including 12-inch signal indications, mast arm poles, ADA compliant push buttons, damaged traffic signs, signal poles shall be replaced, and protected left turns are to be added to increase driver visibility and improve the level of safety that is provided to drivers along the corridor. All existing signalized intersections will receive new 2070 signal controllers that will accommodate ethernet based communications back to The City of Long Beach Traffic Management Center (TMC) in the new downtown Civic Center.

A fiber optic cable and communications system and related equipment will be designed and constructed that that will help achieve the Intelligent Transportation Systems (ITS) related signal and communications goals. Fiber optic cable installation along the entire length of the corridor will interconnect each traffic signal and accommodate traffic signal, CMS and Closed-Circuit Television (CCTV) communications to the City's Traffic Management Center (TMC). All of the traffic signal-related equipment upgrades, when coupled with the fiber-based ITS infrastructure, will help traffic flow more efficiently and improve the level of safety for all who traverse the Artesia Boulevard corridor.

Another key aspect of the Project involves the installation of important ITS components. CCTV cameras will be installed at 7 critical intersections along the corridor. The cameras will assist Traffic Engineering staff to monitor live traffic conditions throughout the corridor. Furthermore, the Project plans to install a pair of Changeable Message Signs (CMS). The CMS installation will provide directional guidance to motorists and enable the presentation of real-time dynamic messages that will improve traffic flow and improve the level of safety along the entire corridor. During periods of recurring congestion (planned or unplanned) that occur on SR-91 and/or I-710, un-informed drivers have been known to utilize Artesia Boulevard as their major alternate route. The CMS will help to direct motorists on and off the Artesia Boulevard arterial in an efficient manner.

The Project will also upgrade/convert all street lighting to modern energy efficient LED fixtures. Improved lighting levels will enhance safety, discourage crime and urban blight while helping to encourage overall walkability of the entire corridor.

The Project incorporates Active Transportation (AT) improvements that enhance bicycle and pedestrian facilities. The narrowing of the center median islands will provide width in the roadway to design and construct a Class IV protected bike lane throughout the corridor. This will accommodate adequate separation of vehicular traffic from bicycles and pedestrians.

Several important pedestrian convenience and beautification components related to enhancing and improving the walkability of the corridor will be installed. The Project will install continental crosswalks, limit lines in advance of crosswalks, and audible pedestrian push buttons at signalized locations, all of which will enhance the pedestrian experience throughout the corridor. The Project will involve upgrading the transit facilities within the corridor. Transit improvements will occur at most Metro and Long Beach Transit intersection stops that will include improved bus shelters at 18 locations and the construction of bulb-outs 20 intersections. The original scope identified 16 locations for bus shelters and 5 locations for bulb-outs; however, based on further design development and coordination with LB Transit, the number of shelters and intersections to be improved for pedestrian safety have increased. Transit signal priority (TSP) technology will be implemented with upgraded traffic signal coordination timing leveraging signal system communications that are part of the Project. Continued coordination is required with Metro's Highway ITS Department and LBTransit for the future development and implementation of TSP. Furthermore, two new bus stops will be established on the corridor, with one being near the college entrance. The original scope had identified a new bus stop location near the I-710 ramps; however, based on coordination meetings with LBTransit, the location is not ideal.

Once fully constructed, the Project will bring together safety and operational improvements, along with complete streets components, to realize a true complete streets project. Improvements will enhance safety, capacity, and operational efficiency for all modes of travel.

INDIVIDUAL PROJECT SCOPE AND BUDGET REQUIREMENTS:

Artesia Corridor ATCS Enhancement Project - F7316

Artesia Corridor ATCS Enhancement Funding Budget

Prop C 25% - CALL FOR PROJECTS		% of Budget
LACMTA MATCH – Design and Construction	\$1,827,037	60%
Grantee/Sponsor Match – Design and Construction	\$1,218,025	40%
Total	\$3,045,062	100%

Artesia Corridor ATCS Enhancement Scope of Work

The scope of work includes ITS components like upgrading traffic signals along the corridor between Long Beach Boulevard and Downey Avenue to advance traffic controllers to connect with the Adaptive Traffic Control System (ATCS). Closed Circuit Television cameras (CCTV) will be installed at seven intersections along with four changeable message signs on Artesia Boulevard. New traffic signal will be installed near the college entrance, west of Gale, in Compton. A Class IV bike lane in both directions from Atlantic Avenue to Susana Road will be installed which will also include dedicated use lane markings, legends, crosswalks, and signs. Pedestrian improvements will be furnished all at pedestrian crossing locations along Artesia Boulevard. Fiber optic cable and other communication devices will be installed to close existing gaps. The installation of fiber optic cable along the entire length of the corridor will assure that all signals are connected to each other and the traffic management center (TMC).

<u> Artesia Great Boulevard – F9130</u>

Artesia Great Boulevard Funding Budget

Prop C 25% - CALL FOR PROJECTS	· · · · · · · · · · · · · · · · · · ·	% of Budget
LACMTA MATCH – Design and Construction	\$4,700,081	65.3%
Grantee/Sponsor Match – Design and Construction	\$2,498,000	34.7%
Total	\$7,198,081	100%

Artesia Great Boulevard Scope of Work

The scope of work will include street lighting, pedestrian beautification components, active transportation and transit facilities improvements. Geometrical roadway changes would narrow the existing medians for the accommodation of new roadway geometrics that will enhance capacity and operational improvements. The narrowing of the center median islands will provide width in the roadway to design and construct a Class IV bike lane throughout the corridor. This will accommodate adequate separation of vehicular traffic from bicycles and pedestrians. Intersections will be modified with bulb-outs that will provide additional safety by shortening the crossing distance for pedestrians. The construction of bulb-outs will also improve signal timing by shortening pedestrian crossing distances and reducing signal cycle lengths. Traffic signals will be improved with countdown pedestrian heads and audible signals at 11 intersections. Additional hardscape work will include the design and constructions of new bulb-outs with bio swales for on-site drainage where needed. Center medians will be upgraded with new drought-tolerant landscaping and irrigations systems to improve overall aesthetics on the corridor. Street furniture will be installed along the corridor. Transit stops will be improved with enhanced bus shelters at 18 transit stops. The original scope had identified 16; however, based on further engineering and coordination, 18 locations were identified.

Artesia Boulevard - MR315.70

Artesia Boulevard Funding Budget

Measure R	·····	% of Budget
LACMTA MATCH – Design and Construction	\$11,327,000	100%
Grantee/Sponsor Match – Design and Construction	\$0	0%
Total	\$11,327,000	100%

The scope of work include operational improvements to reduce congestion along Artesia Boulevard and to improve speed and reliability for general purpose traffic flow by adding new signals and signal updates and channelization, signing, striping and pavement that improves traffic flow in an existing State Highway corridor by reducing congestion and operation deficiencies at spot locations that do not significantly expand the design capacity of the system and are intended to address recurrent congestion. The project will conduct the preliminary engineering and environmental document, design and construction phases.

FTIP #: LAF9130 & LAF7316

Project#: CFP#9130 & F7316/MR#315.70 Funding Agreement#: 920000000MR31570

PROJECT FUNDING:

\$21,570,143	\$ 3,716,025	\$4,700,081	\$ 1,827,037	\$ 11,327,000	TOTAL BUDGET COST
\$7,170,001	Ψ2, Τ 70,000	Ψ Τ ,/ VV,VOI			(34.7% match requirement)
\$7 192 021	\$7 498 000	\$4 700 NS1			Design and Construction
ער, מער, מער, מער	\$1,210,V2J		/دە, /20, ±¢		(40% match requirement)
\$3 045 067	\$1 718 A75		¢1 877 037		Design and Construction
					(0% match requirement)
\$11,327,000				\$11,327,000	Preliminary Engineering & Environmental Document, Design & Construction
		F9130	F7316	MR315.70	
TOTAL	Grantee/ Sponsor Match	LACMTA – PROP C Call for Project (Artesia Great Boulevard)	LACMTA – PROP C Call for Project (ATCS Enhancement)	LACMTA – MEASURE R	Description

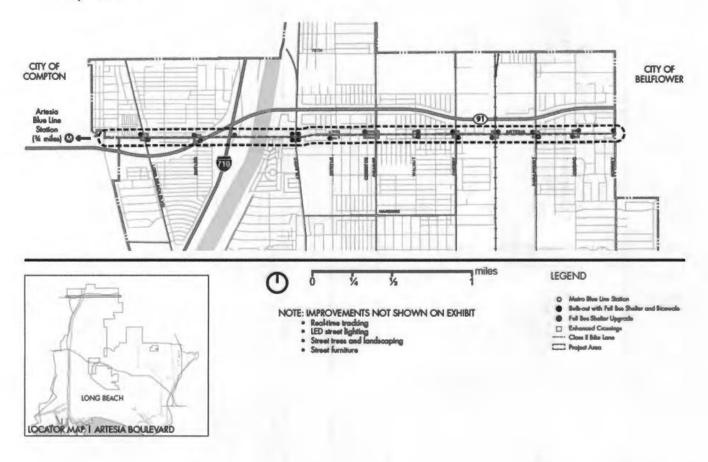
03.01.19 Page 5 of 6

Measure M Funding Agreement – MSP Attachment C – Scope of Work

PROJECT DETAILED SCHEDULE:

Milestones	Begin	End	Duration (months)
Environmental Documentation	1/6/2020	8/1/2020	7
Plans, Specifications, and Estimates	1/19/2021	2/28/2022	13
Advertise for Construction	4/15/2022	6/30/2022	4
Construction	7/1/2022	1/1/2024	18
Project Completion	1/1/2024	3/31/2024	3

PROJECT MAP:



Los Angeles Metropolitan Transportation Authority 2021 Federal Transportation Improvement Program (\$000)

IPID LAF7316		Implem	ent	ng Agency L	ong B	each, City	of		
Project Description: ARTESIA CORRIDOR ATCS ENH. between Long Beach BI and Downey Av to connect with on Artesia BI. (3) Installs fiber optic cable and devices I (4) Two new traffic signals in Compton (5) Installs Class Pedestrian improvements.	Adaptive Traffic Control Sy to connect signals to each of	stem (ATCS). (2) In ther and traffic mana	stall gem	a CCTV and CMS ent center (TMC).		PM: Ke Email: I LS: N	vin Riley - kevin.riley@ LS GRO	tt #: 11TS04 del: YES Mod (562) 570-66 §longbeach.g JP#: bny: TCM Cor	18 Jov
System :Local Hwy Route : Postmile:	Distance: Phi	ase: Engineering/Pla	ins, S	Specifications and	Estimate	es (PS&E)	Compl	etion Date 06	/30/2022
	ngeable Message Signs, an	d bicycle,		Air Basin: SCAB	Envir (Doc: CATEGO	RICALLY	EXEMPT - 07	/02/2020
Toll Rate: Toll Colc Loc: transit and pedestrian.	mprovements Hethod: Hov acs eg lo	c:		Uza: Los Angeles Beach-Santa Ana		Sub-Area:	Sub-F	Region: Gate	way Cities
Program Code: ITS02 - SIGNAL SYNCHRONIZATIO	N Ston Loc:			CTIPS ID:		EA#:		PPNO:	
Togan out. 1962 - Sidne o Montonizario	PHASE PRIO	R 20/21 2	1/22	22/23	23/24	24/25	25/26	BEYOND	PROG TOTA
ITY - City Funds	PE	\$84							\$84
	RW	\$0							\$0
	CON	\$1,134	Ť.						\$1,134
a constant and a second second second	SUBTOTAL	\$1,218					-	-	\$1,218
C25 - Los Angeles County Proposition "C25"	PE	\$127					-		\$127
	RW	\$0							\$0
	CON	\$1,700							\$1,700
	SUBTOTAL	\$1,827							\$1,827
	TOTAL	\$3,045				-			\$3,048
	TOTAL PE: \$211	TOTAL R	V: \$	о то	TAL CO	N: \$2,834	TOTAL	PROGRAMN	ED: \$3,045
- General Comment: - Modeling Comment: - TCM Comment: - Amendment Comment: - CMP Comment: - Narrative:									
ast Revised Amendment 21-05 - APPROV				n:SCHEDULE D				Project Cos	t \$3.04

Attachment E-2

Los Angeles Metropolitan Transportation Authority 2021 Federal Transportation Improvement Program (\$000)

TIP ID LAF9130			Imple	ement	ting Ag	ency	Long B	each, City	of		
Project Description: Establishing a Great Street (Or Multimod prioritization framework. Improvement includes round-about							bike	SCAG Study:N PM: Tri	RTP Project VA Is Moraci Gleaso	ct #: 101007 del: NO Model n - (949)300-75	#: 10
lane (3 miles)									LS GROU mity Catego	UP#: ory: TCM Com	mitted
System :Local Hwy Route : Postmile:	Distance:	Phase: E	ingineering	/Plans,	Specifica	ations an	d Estimate	s (PS&E)	Compl	etion Date 05/)1/2024
Lane # Extd: 4 Lane # Prop: 0 Imprv Desc: enhance mobili (first/last mile)	ty for non-auton	nobile travel			Air Bas	in: SCAB	Envir D	oc: CATEGO	RICALLY	EXEMPT - 07/0	2/2020
Toll Rate: Toll Colc Loc: Toll Metho 0.00	d: Hovad	cs eg loc:				os Angele Santa An		Sub-Area:	Sub-F	Region: Gatew	ay Cities
					CTIP	S ID:		EA #:		PPNO:	
Program Code: NCN25 - BICYCLE & PEDESTRAIN FACI	LITIES-NEW S	PRIOR	20/21	21/22		2/23	23/24	24/25	25/26	REVOND	ROG TOT
CITY - City Funds	PE	TROR	\$210				LOILI	2420	20120	DETOND	\$210
	RW		\$0								\$0
	CON		\$2,288		20100 00						\$2,288
	SUBTOTA	L	\$2,498	1.201	-				-		\$2,498
MR20H - Measure R 20% Highway	PE	\$1,450		\$7	65	\$0					\$2,215
	RW	\$0			\$0	\$0					\$0
	CON	\$0		1	\$0	\$9,112		an in Star Deal and an a			\$9,112
	SUBTOTA	L \$1,450		\$7	65	\$9,112					\$11,327
PC25 - Los Angeles County Proposition "C25"	PE		\$396								\$396
	RW		\$0								\$0
	CON		\$4,304								\$4,304
	SUBTOTA	L	\$4,700	_							\$4.700
	TOTAL	\$1,450	\$7,198	\$7	65	\$9,112		And the Alexander		and the second state of the	§11,52
	TOTAL PE	: \$2.821	TOTAL	. RW: 1	60	т	OTAL CO	N: \$15,704	TOTAL	PROGRAMME	D: \$18,525
- General Comment: Additional funding for construction. - Modeling Comment: - TCM Comment: - Amendment Comment: - CMP Comment:											

- Narrative:

Last Revised Amendment 21-22 - SCAG PENDING

Change reason: COST INCREASE

Total Project Cost \$18,525