CITY OF LOS ANGELES

CALIFORNIA

ERIC GARCETTI
MAYOR

DEPARTMENT OF
PUBLIC WORKS

BUREAU OF
ENGINEERING

GARY LEE MOORE, PE, ENV SP
CITY ENGINEER

1149 S. BROADWAY, SUITE 700
LOS ANGELES, CA 90015-2213

http://eng.lacity.org

November 21, 2019

The Honorable Bob Blumenfield, Chair
Public Works and Gang Reduction Committee
Los Angeles City Council

c/o Leyla Campos
Office of the City Clerk
Room 395, City Hall
Los Angeles, CA 90012

COUNCIL FILE NO. 18-0600-S71: FEASIBILITY STUDY RELATIVE TO CLOSING THE LOS ANGELES RIVER BIKE PATH GAPS IN THE SAN FERNANDO VALLEY

On May 21, 2018, during the Budget Hearing, the following request was made:
Pursuant to adoption of the Mayor's 2018-19 Budget on May 21, 2018, Council File No. 18-0600-S071- Instruct the Bureau of Engineering to report to the Public Works and Gang Reduction Committee on the feasibility study relative to closing the bike path gaps in the San Fernando Valley, whether there is funding available in the Los Angeles River budget to address the gaps, and how to move these projects forward.

DISCUSSION

In November 2017, the Bureau of Engineering completed a full feasibility study on closing the Los Angeles River bike path gaps in the San Fernando Valley, to create a continuous River walking and biking route through the Valley. The objective of the feasibility study was to determine the appropriate alignment and scope of designing and constructing approximately 13 miles of bikeway and greenway gaps along the LA River, from Vanalden Avenue in the west, to Forest Lawn Drive in the East. These gaps are in between segments which are already constructed, in construction, or in design.

Upon completion of the feasibility study, discussions with the Mayor and Council Offices' determined that the bikeway gap closure project would begin design on two segments of the project scope, spanning three (3) miles from Vanalden Avenue in the west, to Balboa Boulevard in the east (Phase I). Completion of these segments will close the gap in the West Valley, and provide a complete bike path from the west into the Sepulveda Basin, which will be the site of some 2028 Olympic game venues.

Design of Phase I began in June 2018 and is currently 60% complete. Full design and permitting is expected to be completed by the end of 2020. Phase I funding for design and engineering has been secured.

For construction funding for Phase I, the City was awarded **$18.6M** in funding from the Active Transportation Cycle 4 Program through CalTrans. Metro's Measure M bond has provided $60M in funding for the bikeway gap closure, and **$15M** is currently slated to be used for Phase I construction. This funding amount is in proportion to a quarter of the total Measure M funding *(3 miles of the 13 miles total).* The construction cost for this project is estimated at approximately **$39M**, and with a construction contingency (15%) and construction engineering/ management/administration (10%), is estimated at a total of approximately **$49M**. The construction engineering/management/administration is typically estimate at 15%, however, due to the large cost of construction, it will be reduced to 10%. This will yield a shortfall of approximately **$15.5 M** ($49M - $18.6M - $15M). The remaining **$15.5M** could come from additional Measure M funds, or from other funding sources.

At this time, the funding currently identified to complete the remaining segments of the Project are the Measure M funds and approximately $1M of LA County funds. Enclosed is a year by year funding implementation plan dated November 2019 to complete the Base Option version of the Project by 2028. The implementation plan is a living document that will need to be adjusted as new funding sources are identified.

As funding is identified, the 2017 feasibility study will guide the future work.

Respectfully submitted,

Deborah Weintraub for

Gary Lee Moore, PE, ENV SP
City Engineer

GLM/DW:nm
Q: \GLM\City Engineer\GLM Signed Documents\2019 CF No. 18-0600-S071 Status Update for LA River Bike Path Bike Gap Closure 11-21-19

Attachment: LA River Way-San Fernando Valley Completion, Project Implementation Plan dated November 2019

cc: Jennifer McDowell, Mayor's Office
Michael Affeldt, Mayor's Office
Jessica Caloza, Board of Public Works
Deborah Weintraub, Bureau of Engineering
Neil Drucker, Bureau of Engineering
Nur Malhis, Bureau of Engineering

CITY OF LOS ANGELES, BUREAU OF ENGINEERING

LA RIVER WAY - SAN FERNANDO VALLEY COMPLETION

PROJECT IMPLEMENTATION PLAN

BASE OPTION- 3

1. Bike Path/Pedestrian Path/Greenway
2. Street Undercrossings in Segments 1,2 and 8
3. Street Overcrossing in Segment 5
4. River Crossings in Segments 4 and 8
5. Majority At -Grade Crossings
6. Street End Parks in Segment 1

November 12, 2019

ENGINEERING

LA RIVER WAY-SAN FERNANDO VALLEY COMPLETION- BASE OPTION 3:

Project Implementation Plan

LA RIVER WAY-SAN FERNANDO VALLEY COMPLETION	PROJECTED DESIGN COSTS

Base Option 3- A. Bike Path / Pedestrian Path / Greenway ; B. Street Undercrossings-Segments 1,2 and 8 C. Street Overcrossing-Segment 5 D. River Crossings-Segments 4 and 8 E. Street End Parks (Segment 1)

Segment	Miles	Council District	Sequence of Design	Duration (yrs)	Design Cost- until Bid Documents	2017-2019 7/1/2017-6/30/2019	2019-2020 7/1/2019-6/30/2020	2020-2021 7/1/2020-6/30/2021	2021-2022 7/1/2021-6/30/2022	2022-2023 7/1/2022-6/30/2023	2023-2024 7/1/2023-6/30/2024	2024-2025 7/1/2024-6/30/2025	2025-2026 7/1/2025-6/30/2026	2026-2027 7/1/2026-6/30/2027	2027-2028 7/1/2027-6/30/2028	TOTAL
0. Feasibility Study-All Segments	Full Project	2,3,4,5,6	0	1	$ 1,262,545	$ 1,262,545										$ 1,262,545
2 -White Oak to Balboa*	1.06	6	1	2	$ 1,905,816	$ 476,454	$ 1,429,362	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	*$ 1,905,816*
1- Vanalden to White Oak *	1.9	3,5	2	2	$ 3,109,585	$ 777,396	$ 2,332,189	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	*$ 3,109,585*
1-a Vanalden to Reseda	*0.78*	*3,5*			*$1,276,566*											
1-b Reseda to Lindley	*0.59*	*3,5*			*$965,608*											
1-c Lindley to White Oak	*0.53*	*3,5*			*$867,411*											
8-Whitsett to Lankershim	3	2	3	2	$ 3,419,270	$ -	$ 341,927	$ 3,077,343		$ -	$ -	$ -	$ -	$ -		*$ 3,419,270*
8-a Whitsett to Lauren Canyon	*0.61*	*2*			*$695,252*											
8-b Laurel Canyon to Radford	*0.29*	*2*			*$330,529*											
8-c Radford to Vineland	*1.57*	*2*			*$1,789,418*											
8-d Vineland to Lankershim	*0.53*	*2*			*$604,071*											
9-Barham to Forest Lawn	2.0	4	4	2	$ 129,766	$ -	$ -	$ 64,883.04	$ 64,883.04			$ -	$ -	$ -		*$ 129,766*
5-Kester to Hazeltine	1.05	4	5	2	$ 2,542,237	$ -	$ -	$ -	$ 1,271,118.45	$ 1,271,118.45		$ -	$ -	$ -		*$ 2,542,237*
6-Hazeltine to Woodman	0.5	4	6	2	$ 98,828	$ -	$ -	$ -	$ -	$ 49,414	$ 49,414	$ -	$ -	$ -		*$ 98,828*
7-Woodman to Coldwater Canyon	1.15	4	7	2	$ 1,121,176	$ -	$ -	$ -	$ -	$ -	$ 560,588	$ 560,588		$ -		*$ 1,121,176*
4-Burbank to Sepulveda (Interim Algn)	2.6	4	8	2	$ 546,713	$ -	$ -	$ -	$ -	$ -	$ -	$ 273,356	$ 273,356	$ -		*$ 546,713*
3-Balboa to Burbank	1.59	6	9		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -		*$ -*
TOTALS					$ 14,135,935	$ 2,516,395	$ 4,103,478	$ 3,142,226	$ 1,336,001	$ 1,320,533	$ 610,002	$ 833,944	$ 273,356	$ -	$ -	*$ 14,135,935*

Note:
1. *Segments 1 and 2 (Cost includes design for undercrossings, pocket parks, and portion of optional tasks, direct costs, and outside agency review fee
2. Design Costs for Segments 3 through 8 are estimates. Actual costs for design will differ based on received proposal
3. The design costs for Segments through 9 are calculated as **11%** of the construction cost, and only include Consultant costs, permit costs, and outside agency review fees. Additionally, these costs are taken as design costs up through bid and award or

LA RIVER WAY-SAN FERNANDO VALLEY COMPLETION	PROJECTED CONSTRUCTION COSTS

Base Option 3- A. Bike Path / Pedestrian Path / Greenway ; Street End Parks (Segment 1) B. Street Undercrossings-Segments 1,2 and 8 C. Street Overcrossing-Segments 5 D. River Crossings- Segment 4 and 8

Segment	Miles	Council District	Sequence of Construction	Duration (yrs)	Construction Cost	2018-2019 7/1/2018-6/30/2019	2019-2020 7/1/2019-6/30/2020	2020-2021 7/1/2020-6/30/2021	2021-2022 7/1/2021-6/30/2022	2022-2023 7/1/2022-6/30/2023	2023-2024 7/1/2023-6/30/2024	2024-2025 7/1/2024-6/30/2025	2025-2026 7/1/2025-6/30/2026	2026-2027 7/1/2026-6/30/2027	2027-2028 7/1/2027-6/30/2028	TOTAL
2 -White Oak to Balboa	1.06	6	1	2	$ 8,571,303			Bid And Award	$ 4,285,652	$ 4,285,652		$ -	$ -	$ -	$ -	*$ 8,571,303*
1- Vanalden to White Oak	1.9	3,5	2	4	$ 30,726,093	$ -	$ -	Bid And Award	$ 7,681,523	$ 7,681,523	$ 7,681,523	$ 7,681,523	$ -	$ -	$ -	*$ 30,726,093*
1-a Vanalden to Reseda	*0.78*	*3,5*			*$12,613,870*											
1-b Reseda to Lindley	*0.59*	*3,5*			*$9,541,260*											
1-c Lindley to White Oak	*0.53*	*3,5*			*$8,570,963*											
8-Whitsett to Lankershim	3.0	2	3	6	$ 31,084,270	$ -	$ -	$ -	Bid And Award	$ 5,180,712	$ 5,180,712	$ 5,180,712	$ 5,180,712	$ 5,180,712	$ 5,180,712	*$ 31,084,270*
8-a Whitsett to Lauren Canyon	*0.61*	*2*			*$6,320,468*											
8-b Laurel Canyon to Radford	*0.29*	*2*			*$3,004,813*											
8-c Radford to Vineland	*1.57*	*2*			*$16,267,435*											
8-d Vineland to Lankershim	*0.53*	*2*			*$5,491,554*											
9-Barham to Forest Lawn	2.0	4	4	4	$ 1,179,692	$ -	$ -	$ -	$ -	Bid And Award	$ 294,923	$ 294,923	$ 294,923	$ 294,923		*$ 1,179,692*
5-Kester to Hazeltine	1.05	4	5	3	$ 23,111,245	$ -	$ -	$ -	$ -	$ -	Bid And Award	$ 11,555,622	$ 11,555,622			*$ 23,111,245*
6-Hazeltine to Woodman	0.5	4	6	1	$ 898,438	$ -	$ -	$ -	$ -	$ -	$ -	Bid and Award	$ 449,219	$ 449,219	$ -	*$ 898,438*
7-Woodman to Coldwater Canyon	1.15	4	7	2	$ 10,192,506	$ -	$ -	$ -	$ -	$ -	$ -	$ -	Bid and Award	$ 5,096,253	$ 5,096,253	*$ 10,192,506*
4-Burbank to Sepulveda (Interim)	2.6	4	8	1	$ 4,970,117	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	Bid and Award	$ 4,970,117	*$ 4,970,117*
3-Balboa to Burbank	1.59	6	9		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	*$ -*
TOTALS					$ 110,733,663	$ -	$ -	$ -	$ 11,967,175	$ 17,147,887	$ 13,157,158	$ 24,712,780	$ 17,480,476	$ 11,021,107	$ 15,247,082	*$ 110,733,663*

Notes:
1. The construction cost includes design contingency, escalation, general conditions, contractor's overhead , bonds and insurance
2. Assume one mile takes one year

LA RIVER WAY-SAN FERNANDO VALLEY COMPLETION- BASE OPTION 3:

Project Implementation Plan

LA RIVER WAY-SAN FERNANDO VALLEY COMPLETION

PROJECTED PROJECT COSTS- Base Option 3

				Project Cost	2017-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	TOTAL
Feasibiltiy Study and Design Fees			Listed per Table	$ 14,135,935	$ 2,516,395	$ 4,103,478	$ 3,142,226	$ 1,336,001	$ 1,320,533	$ 610,002	$ 833,944	$ 273,356	$ -	$ -	***$ 14,135,935***
Construction Fees			Listed per Table	$ 110,733,663	$ -	$ -	$ -	$ 11,967,175	$ 17,147,887	$ 13,157,158	$ 24,712,780	$ 17,480,476	$ 11,021,107	$ 15,247,082	***$ 110,733,663***
Construction Contingency			15% of Construction Fees	$ 16,610,050	$ -	$ -	$ -	$ 1,795,076	$ 2,572,183	$ 1,973,574	$ 3,706,917	$ 2,622,071	$ 1,653,166	$ 2,287,062	***$ 16,610,050***
Construction Engineering/Administration			15% of Construction Fees	$ 16,610,050			$ -	$ 1,795,076	$ 2,572,183	$ 1,973,574	$ 3,706,917	$ 2,622,071	$ 1,653,166	$ 2,287,062	***$ 16,610,050***
TOTALS				**$ 158,089,698**	**$ 2,516,395**	**$ 4,103,478**	**$ 3,142,226**	**$ 16,893,329**	**$ 23,612,785**	**$ 17,714,307**	**$ 32,960,558**	**$ 22,997,975**	**$ 14,327,438**	**$ 19,821,207**	***$ 158,089,698***

PROJECTED PROJECT FUNDING SOURCE PLAN- Base Option 3

	Funding Source	Type	Application Submittal Date	Frequency	Max Contribution/ Cycle	Max Requested Contribution/ Cycle	Total	2017-2019	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-2025	2025-2026	2026-2027	2027-2028	
1	**LA Department of Transportation (LADOT)**	City	N/A	Funding Fully Expended	$ 500,000	$ 500,000	**$ 500,000**	***$ 500,000***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 500,000***
2	**LA Sanitation (SAN)**	City	N/A	Funding Secured or Agreement in Place	$ 300,000	$ 300,000	**$ 300,000**	***$ 150,000***	***$ 150,000***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 300,000***
3	**Recreation and Park (RAP)**	City	N/A	Funding Secured or Agreement in Place	$ 1,000,000	$ 1,000,000	**$ 1,000,000**	***$ 950,000***	***$ 50,000***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 1,000,000***
4	**Propostion K (Prop K)**	City	N/A	Funding Secured or Agreement in Place	$ 700,000	$ 700,000	**$ 700,000**	***$ 35,000***	***$ 220,000***	***$ -***	***$ 220,000***	***$ 225,000***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 700,000***
5	**LA County Regional (County)**	County	N/A	Funding Secured or Agreement in Place	$ 1,500,000	$ 1,500,000	**$ 1,500,000**	**$ 881,395**	**$ 618,605**	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 1,500,000***
6	**LA County Flood Control District (LACFCD)**	County	N/A	Funding Secured or Agreement in Place	$ 1,500,000	$ 1,500,000	**$ 1,500,000**	***$ -***	***$ 500,000***	***$ 1,000,000***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 1,500,000***
7	**Metro Mesure M Local Return (Metro)**	Local/Regional	N/A	Funding Secured or Agreement in Place	$ 1,500,000	$ 1,500,000	**$ 1,500,000**		***$ 1,500,000***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 1,500,000***
8	**LA Department of Water and Power (DWP)**	City	N/A	Funding Secured or Agreement in Place	$ 500,000	$ 500,000	**$ 500,000**		***$ 500,000***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ -***	***$ 500,000***
9	**Capitol Expenditure Improvement Program (CIEP)**	City	N/A	Funding Secured or Agreement in Place	$ 500,000	$ 500,000	**$ 500,000**		***$ 364,875***	***$ 135,125***								***$ 500,000***
10	**Metro Measure M (Metro)**	Local/ Regional	N/A	Funding Secured or Agreement in Place	$ 60,000,000	$ 60,000,000	**$ 60,000,000**	***$ -***	***$ -***	***$ -***	**$ 5,000,000**	**$ 10,000,000**	**$ 5,000,000**	**$ 20,000,000**	**$ 10,000,000**	**$ 2,000,000**	**$ 8,000,000**	***$ 60,000,000***
11	**Additional Capitol Expenditure Improvement Program (CIEP)**	City	December	Annual	Varies	$ 1,500,000	**$ 12,003,720**			**$ 2,007,100**	**$ 1,700,000**	**$ 1,500,000**	**$ 1,500,000**	**$ 1,500,000**	**$ 1,597,975**	**$ 1,427,438**	**$ 771,207**	***$ 12,003,720***
12	**Active Transportation Program (ATP)**	State/Federal	July	Every 2 Years	$ 30,000,000	$ 29,000,000	**$ 47,757,820**	**$ -**	**$ 200,000**	**$ -**	**$ 4,043,978**	**$ 6,743,978**	**$ 7,434,932**	**$ 7,434,932**	**$ 7,300,000**	**$ 7,300,000**	**$ 7,300,000**	***$ 47,757,820***
13	**BUILD (Formerly TIGER)**	Federal	July	Every 2 Years	$ 5,000,000	$ 1,200,000	**$ 1,173,158**	**$ -**	**$ -**	**$ -**	**$ 979,351**	**$ 193,807**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	***$ 1,173,158***
14	**California River Parkways Program-CA0880**	State	September	Every 2 Years	$ 7,000,000	$ 1,500,000	**$ 5,250,000**	**$ -**	**$ -**		**$ 750,000**	**$ 750,000**	**$ 750,000**	**$ 750,000**	**$ 750,000**	**$ 750,000**	**$ 750,000**	***$ 5,250,000***
15	**Measure A-Category 3&4-Trails**	Local/Regional	February	Every 2-4 Years	$ 3,100,000	$ 2,000,000	**$ 7,000,000**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	***$ 7,000,000***
16	**Measure W-LA County Safe Clean Water Parcel Tax**	Local/ Regional	TBD	Annual	$300,000,000/annually	$ 1,000,000	**$ 7,000,000**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	**$ 1,000,000**	***$ 7,000,000***
17	**Caltrans Sustainable Transportation Planning Grant Program**	State	Fall	Annual	$ 1,000,000	$ 1,000,000	**$ 5,265,000**	**$ -**	**$ -**	**$ -**	**$ 500,000**	**$ 1,000,000**	**$ 500,000**	**$ 765,000**	**$ 1,000,000**	**$ 500,000**	**$ 1,000,000**	***$ 5,265,000***
18	**Prop 68-Drought , Water, Parks, Climate Coastal Protection, Outdoor Access (Parks and Trails)**	State	Winter, Spring Summer, Fall	Quarterly	$20,000,000 in Total	$ 1,500,000	**$ 2,200,000**	**$ -**	**$ -**	**$ -**	**$ 1,000,000**	**$ 500,000**	**$ -**	**$ -**	**$ 350,000**	**$ 350,000**	**$ -**	***$ 2,200,000***
19	**Prop 68-California Natural Resource Agency (CNRA)- California Trails and Greenway Investments**	State	Fall 2019	One time currently known	$27,750,000 Total	$ 1,000,000	**$ 840,000**	**$ -**	**$ -**	**$ -**	**$ 300,000**	**$ 300,000**	**$ 129,375**	**$ 110,625**	**$ -**	**$ -**	**$ -**	***$ 840,000***
20	**Prop 68-CNRA-Urban Greening Infrastructure (Street End Parks)**	State	Summer 2019	One time currently known	$18,500,000 Total	N/A	**$ 1,600,000**	**$ -**	**$ -**	**$ -**	**$ 400,000**	**$ 400,000**	**$ 400,000**	**$ 400,000**	**$ -**	**$ -**	**$ -**	***$ 1,600,000***
21	**Environmental Enhancement and Mitigation-CA0332***	State	April	Annual	$ 500,000	N/A	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
22	**Measure A- Category 1-Community Based Park Investment Program***	Local/Regional	October	Annual	$22,000,000 / Total	N/A	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
23	**Measure A- Category 2-Neighborhood Parks, Healthy Communities***	Local/Regional	October	Annual	$22,000,000 / Total	N/A	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
24	**Proposition 1-LA River Grant Cycle***	State	Winter, Spring Summer, Fall	Quarterly	$5,000,000 Total	N/A	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
25	**Prop 68-Santa Monica Mountain Conservancy***	State	Winter, Spring Summer, Fall	Quarterly	$37,000,000 Total	N/A	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
25	**Prop 68-New Parks ***	State	Summer	Every Two Years	$ 8,500,000	N/A	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
26	**Enhanced Infrastructure Financing District (EIFD)***	Local Regional	TBD	TBD	TBD	TBD	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
27	**Community Revitalization and Investment Authoirities (CRIA)***	Local/Regional	TBD	TBD	TBD	TBD	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
28	**Innovative Partnerships***	Private/Public	TBD	TBD	TBD	TBD	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
29	**Co-Construction Opportunity***	Private/Public	TBD	TBD	TBD	TBD	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
						TOTAL PROJECT COST:	**$ 158,089,698**	**$ 2,516,395**	**$ 4,103,480**	**$ 3,142,225**	**$ 16,893,329**	**$ 23,612,785**	**$ 17,714,307**	**$ 32,960,557**	**$ 22,997,975**	**$ 14,327,438**	**$ 19,821,207**	**$ 158,089,698**

Note:
1. * Funding sources not used for this this report
2. This funding plan will need to be iterative, as some funding sources as stipulated in this table, per fiscal year, may not yield success. Additional CIEP funding may be used to fund shortfall.

LA RIVER WAY-SAN FERNANDO VALLEY COMPLETION- BASE OPTION 3:

Project Implementation Plan

LA RIVER WAY-SAN FERNANDO VALLEY COMPLETION

PROJECTED PEROJECT SCHEDULE-Base Option 3

Segment	Miles	Council District	Sequence of Construction	Project Duration (yrs)	Project Cost	2018-2019 7/1/2018-6/30/2019	2019-2020 7/1/2019-6/30/2020	2020-2021 7/1/2020-6/30/2021	2021-2022 7/1/2021-6/30/2022	2022-2023 7/1/2022-6/30/2023	2023-2024 7/1/2023-6/30/2024	2024-2025 7/1/2024-6/30/2025	2025-2026 7/1/2025-6/30/2026	2026-2027 7/1/2026-6/30/2027	2027-2028 7/1/2027-6/30/2028
0. Feasibility Study	**Full Project**	**2,3,4,5,6**	**0**	1.5	**$ 1,262,545**	Feasibility Study									
2 -White Oak to Balboa	1.06	6	**1**	5	**$ 13,048,510**	Design		Bid And Award	Construction						
1- Vanalden to White Oak	1.9	3,5	**2**	7	**$ 43,053,506**	Design		Bid And Award	Construction						
8-Whitsett to Lankershim	3.0	2	**3**	9	**$ 43,828,821**		Design		Bid And Award	Construction					
9-Barham to Forest Lawn	2.0	4	**4**	7	**$ 1,663,365**			Design		Bid And Award	Construction				
5-Kester to Hazeltine	1.05	4	**5**	6	**$ 32,586,855**				Design		Bid And Award	Construction			
6-Hazeltine to Woodman	0.5	4	**6**	4	**$ 1,266,797**					Design		Bid and Award	Construction		
7-Woodman to Coldwater Canyon	1.15	4	**7**	5	**$ 14,371,434**						Design		Bid and Award	Construction	
4-Burbank to Sepulveda (Interim)	2.6	4	**8**	5	**$ 7,007,865**							Design		Bid and Award	Construction
3-Balboa to Burbank	1.6	6	**9**	0	**$ -**										
					TOTAL PROJECT COST: $ 158,089,698										

Note:
1. Average Project Duration is 6 years

LA River Way- San Fernando Valley Completion

PROJECTED Project Schedule-Base Option 3

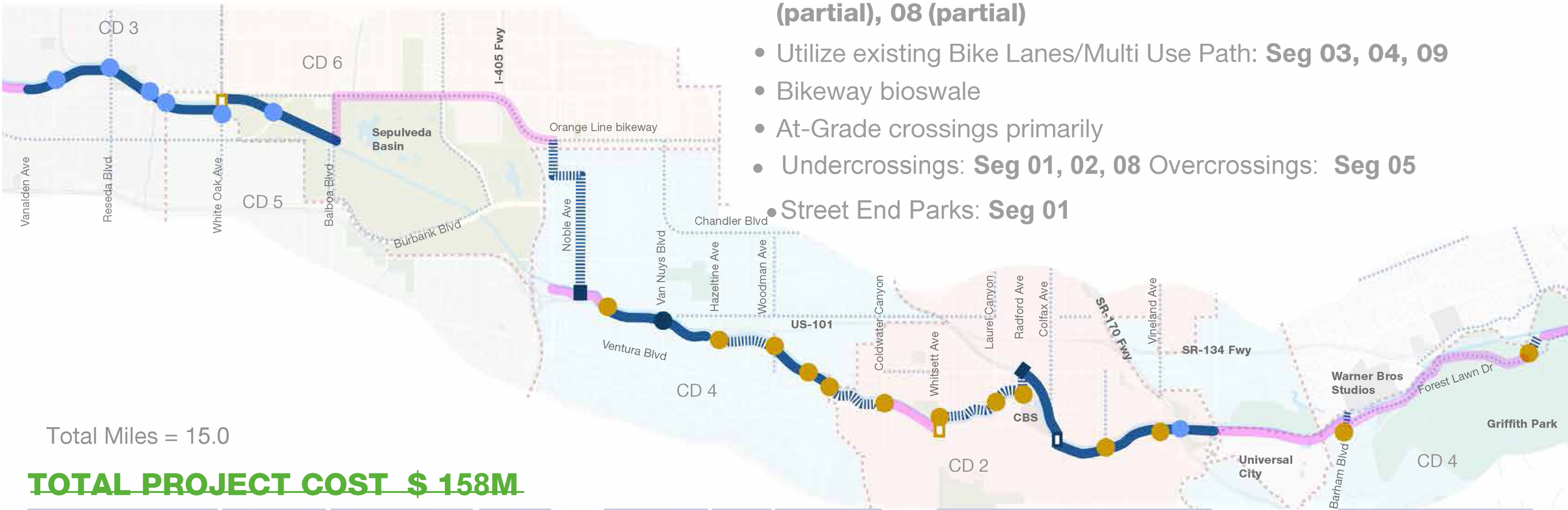
Segment	Miles	Council District	Sequence of Construction	Project Duration (yrs)	Project Cost	2018-2019 7/1/2017-6/30/2019	2019-2020 7/1/2019-6/30/2020	2020-2021 7/1/2020-6/30/2021	2021-2022 7/1/2021-6/30/2022	2022-2023 7/1/2022-6/30/2023	2023-2024 7/1/2023-6/30/2024	2024-2025 7/1/2024-6/30/2025	2025-2026 7/1/2025-6/30/2026	2026-2027 7/1/2026-6/30/2027	2027-2028 7/1/2027-6/30/2028
0. Feasibility Study	**Full Project**	**2,3,4,5,6**	**0**	1.5	**$ 1,262,545**	**$ 1,262,545**									
2 -White Oak to Balboa	1.06	6	**1**	5	**$ 13,048,510**	**$ 476,454**	**$ 1,429,362**	Bid and Award	**$ 5,571,347**	**$ 5,571,347**					
1- Vanalden to White Oak	1.9	3,5	**2**	7	**$ 43,053,506**	**$ 777,396**	**$ 2,332,189**	Bid and Award	**$ 9,985,980**	**$ 9,985,980**	**$ 9,985,980**	**$ 9,985,980**			
8-Whitsett to Lankershim	3.0	2	**3**	9	**$ 43,828,821**		**$ 341,927**	**$ 3,077,343**	Bid and Award	**$ 6,734,925**	**$ 6,734,925**	**$ 6,734,925**	**$ 6,734,925**	**$ 6,734,925**	**$ 6,734,925**
9-Barham to Forest Lawn	2.0	4	**4**	7	**$ 1,663,365**			**$ 64,883**	**$ 64,883**	Bid and Award	**$ 383,400**	**$ 383,400**	**$ 383,400**	**$ 383,400**	
5-Kester to Hazeltine	1.05	4	**5**	6	**$ 32,586,855**				**$ 1,271,118**	**$ 1,271,118**	Bid and Award	**$ 15,022,309**	**$ 15,022,309**		
6-Hazeltine to Woodman	0.5	4	**6**	4	**$ 1,266,797**					**$ 49,414**	**$ 49,414**	Bid and Award	**$ 583,984**	**$ 583,984**	
7-Woodman to Coldwater Canyon	1.15	4	**7**	5	**$ 14,371,434**						**$ 560,588**	**$ 560,588**	Bid and Award	**$ 6,625,129**	**$ 6,625,129**
4-Burbank to Sepulveda (Interim)	2.6	4	**8**	5	**$ 7,007,865**							**$ 273,356**	**$ 273,356**	Bid and Award	**$ 6,461,152**
3-Balboa to Burbank	1.6	6	**9**	6	**$ -**										
					DESIGN $ 14,135,935	$ 2,516,395	$ 4,103,478	$ 3,142,226	$ 1,336,001	$ 1,320,533	$ 610,002	$ 833,944	$ 857,341	$ 583,984	$ -
					CONSTRUCTION $ 143,953,763	$ -	$ -	$ -	$ 15,557,327	$ 22,292,253	$ 17,104,305	$ 32,126,614	$ 22,140,634	$ 13,743,454	$ 19,821,207
					TOTAL PROJECT COST: $ 158,089,698	**$ 2,516,395**	**$ 4,103,478**	**$ 3,142,226**	**$ 16,893,329**	**$ 23,612,785**	**$ 17,714,307**	**$ 32,960,558**	**$ 22,997,975**	**$ 14,327,438**	**$ 19,821,207**

Notes:
1. **BLUE** shaded cells represent design
2. **GREEN** shaded cells represent construction
3. Average project duration is 6 years. Federal Funding processes may push design 6 months to a year

BASE OPTION- 3

BIKEWAY/PED PATH / GREENWAY/ UTILIZE EXISTING BIKE FACILITIES/ AT-GRADE CROSSINGS AND UNDERCROSSINGS/ SHARROWS

- On-Street Bike Sharrows: **Seg 04 (partial), 06, 07 (partial), 08 (partial)**
- Utilize existing Bike Lanes/Multi Use Path: **Seg 03, 04, 09**
- Bikeway bioswale
- At-Grade crossings primarily
- Undercrossings: **Seg 01, 02, 08** Overcrossings: **Seg 05**
- Street End Parks: **Seg 01**



Total Miles = 15.0

TOTAL PROJECT COST $ 158M

$44.3 M	$13 M	$0 M	$7 M	$33 M	$1.2M	$14 M	$44 M	$1.6 M
01	02	03	04	05	06	07	08	09
1.9 miles	1.06 miles	1.62 miles	2.6 miles	1.05 miles	0.5 miles	1.15 miles	3.00 miles	2.0 miles

Existing Bike Facility

Existing Bike Facility (project connectivity)

On-Street Bikeway

Bikeway / Pedestrian Path / Greenway Note:

For Simplicity, Segment 1 Cost, includes Cost of Feasiblity Study

Street Crossings

13 At-Grade Crossing

6 Under Crossing

1 Over Crossing

River Crossings

2 On-Street

1 Existing Ped Bridge

2 New Bridge

Rev. 11/12/2019