

Multiyear Subregional Program - Plan Submittal

AVCJPA Governing Board

Jon Overman, Cambridge Systematics

June 2, 2022



Agenda

- ▶ Review MSP Process
- ▶ Review Projects to Receive New Funding
- ▶ Submit Draft MSP Plan for approval
- ▶ Submit MSP funding reallocation plan for approval



MSP Development Process

- ▶ Metro funding announcement
- ▶ Subregional allocation process (per capita)
- ▶ Initial project scoping
- ▶ Public engagement
- ▶ AVCJPA Board approval (today)
- ▶ Project details and submittal
- ▶ Metro Board approval (Fall)



MSP Funding Estimate

MSP Funds Available by Program	Previous Allocation (7 years)	New Funding (2 years)	Total Allotment
Transit Projects	\$ 19,348,000	\$ 6,078,000	\$ 25,426,000
Modal Connectivity and Complete Streets (MMCS)	\$ 15,202,000	\$ 4,775,000	\$19,977,000
Total	\$ 34,550,000	\$ 10,853,000	\$ 45,403,000

- ▶ Subregional governing bodies determine process for allocating and programming MSP funding



Available Funding For Programming

Agency	Total Available by Jurisdiction			
	New MMCS	New Transit	Unprogrammed	Total
Burbank	\$957,307	\$1,218,434	\$2,221,245	\$4,396,987
Glendale	\$1,876,827	\$2,388,773	-	\$4,265,600
La Cañada Flintridge	\$185,939	\$236,658	\$412,284	\$834,881
La Crescenta-Montrose	\$181,003	\$230,376	\$1,324,099	\$1,735,479
Pasadena	\$1,337,923	\$1,702,871	-	\$3,040,794
South Pasadena	\$236,341	\$300,809	\$1,722,624	\$2,259,774
Total	\$4,775,340	\$6,077,921	\$5,680,253	\$16,533,514

- ▶ Several agencies left funding unprogrammed during last MSP Plan submittal

MSP Proposed Projects - Burbank

Jurisdiction	Project Description	MSP Funding Request
Burbank		\$4,396,987
Burbank Bus Zero Emission Bus Purchase	Purchase of five, battery electric 35' foot transit vehicles with an assumed cost of 900k each for Burbank Bus	\$4,396,987



MSP Proposed Projects - Glendale

Jurisdiction	Project Description	MSP Funding Request
Glendale		\$4,265,599
Honolulu Avenue Rehabilitation Project	Improve pedestrian, bicycle, and transit connectivity throughout the project corridor between Verdugo Road and Lowell Avenue to provide a sub-regional benefit to the Cities of Glendale and La Canada and City and County of LA.	\$1,876,827
Electrification of Beeline Transit Fleet	Replace Beeline CNG buses that have reached their useful life with battery-electric buses. Funding will purchase battery-electric buses, charging infrastructure, and facility upgrades	\$2,388,773



MSP Proposed Projects - LA County

Jurisdiction	Project Description	MSP Funding Request
La Crescenta-Montrose (LA County)		\$1,735,479
NA	Unprogrammed	\$1,735,479



MSP Proposed Projects - La Cañada Flintridge

Jurisdiction	Project Description	MSP Funding Request
La Cañada Flintridge		\$834,881
Bus Purchase for Fleet Electrification	Purchase of Two Replacement Electric Shuttle Buses	\$360,000
	Unprogrammed	\$474,881



MSP Proposed Projects - Pasadena

Jurisdiction	Project Description	MSP Funding Request
Pasadena		\$3,040,794
Purchase Replacement and Expansion Buses for Pasadena Transit	This project provides for the purchase of replacement transit vehicles and expansion transit vehicles for the City of Pasadena's fixed-route transit system	\$1,702,871
New Traffic Signals for Pedestrian Connectivity	This project provides for the installation of three new traffic signals along key multimodal corridors with the goal of improving pedestrian safety and connectivity. The five intersections are Traffic Signal and Curb Extensions at Sierra Bonita Avenue and Orange Grove Boulevard, Del Mar Boulevard at Michigan Avenue, Del Mar Boulevard at Kinneloa Ave, Orange Grove Boulevard at Sunnyslope Avenue, and Sierra Madre Villa Ave at Electronic Drive	\$837,923
Installation of Crosswalk at Washington Boulevard and Hudson Avenue	This project provides for the installation of a crosswalk with High-Intensity Activated crosswalk (HAWK) traffic signal at East Washington Boulevard and North Hudson Avenue. This project will enhance pedestrian safety for frequent users of nearby bus stops, Washington Community Center, senior housing, and shopping plaza as the nearest crosswalk is over 500 feet away. This project is located in Northwest Pasadena which is an area that has been targeted for revitalization.	\$500,000



MSP Proposed Projects - South Pasadena

Jurisdiction	Project Description	MSP Funding Request
South Pasadena		\$2,259,774
Grevelia Street and Fair Oaks Avenue	Traffic safety improvement to better accommodate the westbound to northbound two-lane right-turn movement from Grevelia Street to Fair Oaks Avenue. Expanding curb radius to a 25-foot curb radius, pending design evaluation, would encapsulate the area that currently contains an exposed truncated dome pad, and would guide vehicles away from striking the curb or interfering with the path of an adjacent turning vehicle. Project also includes shifting the eastern Grevelia striping southward, removing the parking in this area, and consolidating eastbound Grevelia to one lane.	\$200,000
Pedestrian Crossing Devices	The project consists of the installation of pedestrian crossing devices at one or more locations in the City, depending on the device selected, and a feasibility analysis of the location(s). Potential devices include High-Intensity Activated Crosswalk (HAWK) Beacons / Pedestrian Hybrid Beacons (PHBs), Rectangular Rapid-Flashing Beacons (RRFBs), or other devices deemed appropriate for the selected location(s).	\$322,624
Garfield Avenue and Monterey Road Traffic Signal and Garfield Avenue Signal & Bicycle Lane Improvements	Installation of a traffic signal at the currently all-way stop controlled intersection. Includes a traffic study, impact analysis, public outreach to the neighborhood, as well as coordination and potential cost sharing with the City of San Marino. The project will consider a synchronization of this signal to the existing signal at Garfield Avenue and Mission Street, research programming an off-peak flashing yellow signal phase, and potential bicycle lane implementation along this section of Garfield Avenue.	\$400,000
Columbia Street Striping and Signals	Restripe Columbia Street from Fair Oaks to Orange Grove to add a two-way centered turn lane, and various traffic signals improvements along the corridor. The limits of this project along Columbia Street are between Orange Grove Avenue and Fair Oaks Avenue. The implementation of a left-turn lane will prevent unnecessary, sudden stops for vehicles proceeding straight behind left turning vehicles in the current single lane, thereby reducing rear-end collision potential and sudden evasive maneuvers.	\$300,000
Orange Grove Avenue Widening from Oliver Street to Arroyo Seco Parkway	Remove the reverse-curve merge from the southbound lane on the west side of Orange Grove Avenue. Various alternatives will be evaluated prior to design and construction, including the installation of a second continuous lane and modification of the adjacent right-of-way, mainly the west curb and parkway.	\$500,000
	Unprogrammed	\$537,150

Reallocation of MSP Funds

MSP Category	Total 9 Year Program Allocation	
	Metro Allocation	AVC Proposed Allocation
<i>Transit Projects*</i>	\$19,348,264	\$23,593,660
<i>Modal Connectivity and Complete Streets*</i>	\$15,201,671	\$8,710,441
<i>Highway Efficiency, Noise Mitigation, and Arterial Projects**</i>	\$-	\$1,400,000
<i>Active Transportation**</i>	\$-	\$8,951,587
<i>Unprogrammed</i>	\$-	\$2,747,509
Total	\$45,403,196	\$45,403,196

*Active MSP fund

** Inactive (future) MSP fund

- ▶ Metro allows subregions to “swap” funds between future inactive programs with Subregion/COG board approval



Draft MSP Plan - Burbank Projects

Agency and Project	9 Year Total MSP Funding	Year 2 (FY 18-19)	Year 3 (FY 19-20)	Year 4 (FY 20-21)	Year 5 (FY 21-22)	Year 6 (FY 22-23)	Year 7 (FY 23-24)	Year 8 (FY 24-25)	Year 9 (FY 25-26)
Burbank	\$9,196,987	\$3,000,000	\$0	\$0	\$1,800,000	\$0	\$0	\$0	\$4,396,987
Victory Blvd Connectivity Gap Closure and Transit Enhancements - Burbank portion	\$3,000,000	\$3,000,000							
BurbankBus State of Good Repair - Bus Replacement 2020	\$1,800,000				\$1,800,000				
Burbank Bus Zero Emission Bus Purchase	\$4,396,987								\$4,396,987



Draft MSP Plan - Glendale Projects

Agency and Project	9 Year Total MSP Funding	Year 2 (FY 18-19)	Year 3 (FY 19-20)	Year 4 (FY 20-21)	Year 5 (FY 21-22)	Year 6 (FY 22-23)	Year 7 (FY 23-24)	Year 8 (FY 24-25)	Year 9 (FY 25-26)
Glendale	\$17,792,200	\$0	\$4,426,000	\$1,082,051	\$400,000	\$5,301,587	\$2,316,963	\$4,265,599	\$0
Beeline Maintenance Facility	\$4,426,000		\$4,426,000						
Beeline Replacement Buses 2021	\$832,051			\$832,051					
Victory Blvd Complete Streets Project	\$5,951,587			\$250,000	\$400,000	\$5,301,587			
Bus Purchase and Bus-Related Infrastructure	\$2,316,963						\$2,316,963		
Honolulu Avenue Rehabilitation Project	\$1,876,827							\$1,876,827	
Electrification of Beeline Transit Fleet	\$2,388,773							\$2,388,773	



Draft MSP Plan - La Cañada Flintridge Projects

Agency and Project	9 Year Total MSP Funding	Year 2 (FY 18-19)	Year 3 (FY 19-20)	Year 4 (FY 20-21)	Year 5 (FY 21-22)	Year 6 (FY 22-23)	Year 7 (FY 23-24)	Year 8 (FY 24-25)	Year 9 (FY 25-26)
La Cañada Flintridge	\$1,788,800	\$0	\$0	\$0	\$953,919	\$0	\$0	\$360,000	\$474,881
Foothill Blvd Link Bikeway and Ped. Greenbelt	\$953,919				\$953,919				
Bus Purchase for Fleet Electrification	\$360,000							\$360,000	
<i>UnProgrammed La Canada Flintridge</i>	\$474,881								\$474,881



Draft MSP Plan - LA County / La Crescenta-Montrose Projects

Agency and Project	9 Year Total MSP Funding	Year 2 (FY 18-19)	Year 3 (FY 19-20)	Year 4 (FY 20-21)	Year 5 (FY 21-22)	Year 6 (FY 22-23)	Year 7 (FY 23-24)	Year 8 (FY 24-25)	Year 9 (FY 25-26)
La Crescenta-Montrose	\$1,735,479	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,735,479
Unprogrammed	\$1,735,479								\$1,735,479



Draft MSP Plan - Pasadena Projects

Agency and Project	9 Year Total MSP Funding	Year 2 (FY 18-19)	Year 3 (FY 19-20)	Year 4 (FY 20-21)	Year 5 (FY 21-22)	Year 6 (FY 22-23)	Year 7 (FY 23-24)	Year 8 (FY 24-25)	Year 9 (FY 25-26)
Pasadena	\$12,629,957	\$0	\$1,000,000	\$535,020	\$4,700,000	\$2,434,995	\$919,148	\$3,040,794	\$0
Avenue 64 Complete Street Project	\$1,800,000			\$300,000	\$1,500,000				
N. Hill Complete Street Project	\$1,500,000		\$300,000	\$235,020	\$600,000	\$364,980			
Purchase Replacement Buses (FY 2018-2022)	\$7,072,886		\$700,000		\$2,600,000	\$2,070,015		\$1,702,871	
Pedestrian Crossing Enhancement Program	\$236,148						\$236,148		
New Traffic Signals for Pedestrian Connectivity	\$1,520,923						\$683,000	\$837,923	
Installation of Crosswalk at Washington Boulevard and Hudson Avenue	\$500,000							\$500,000	



Draft MSP Plan - South Pasadena Projects

Agency and Project	9 Year Total MSP Funding	Year 2 (FY 18-19)	Year 3 (FY 19-20)	Year 4 (FY 20-21)	Year 5 (FY 21-22)	Year 6 (FY 22-23)	Year 7 (FY 23-24)	Year 8 (FY 24-25)	Year 9 (FY 25-26)
South Pasadena	\$2,259,774	\$0	\$0	\$0	\$0	\$250,000	\$472,624	\$650,000	\$887,150
Grevelia Street and Fair Oaks Avenue	\$200,000					\$50,000	\$150,000		
Pedestrian Crossing Devices	\$322,624					\$200,000	\$122,624		
Garfield Avenue and Monterey Road Traffic Signal and Garfield Avenue Signal & Bicycle Lane Improvements	\$400,000						\$100,000	\$300,000	
Columbia Street Striping and Signals	\$300,000						\$50,000	\$250,000	
Orange Grove Avenue Widening from Oliver Street to Arroyo Seco Parkway	\$500,000						\$50,000	\$100,000	\$350,000
<i>Unprogrammed South Pasadena</i>	\$537,150								\$537,150



Technical Advisory Committee Recommendation

1. Receive the presentation;
2. Receive input;
3. Approve the reallocation of Arroyo Verdugo MSP program funding through the swapping between future Arroyo Verdugo Communities MSP sources as described in **Table 4**; and
4. Approve the attached Multi-year Subregional Program 5-year funding plan (MSP Plan) for Arroyo Verdugo Communities Joint Powers Authority (AVCJPA) in **Table 5** for submission to Metro for Measure M programming



Questions?

Jon Overman

Cambridge Systematics

joverman@camsys.com

