

South Bay Cities Council of Governments

November 21, 2013

TO: SBCCOG Board of Directors

FROM: Measure R Oversight Committee

SUBJECT: Metro FY 2014 -2020 SBHP Budget Request

BACKGROUND

The SBCCOG Cooperative Agreement with Metro requires the SBCCOG to submit an annual budget request to Metro staff for the South Bay Highway Program (SBHP) by December. Metro's fiscal year begins in July, but the agency requires several months to develop and adopt its budget. The SBCCOG uses the opportunity to estimate the budget required to deliver the SBHP, including program development, project oversight, program administration, and cost and schedule changes related to current and new commitments.

The budget request covers a 7 year period with adjustments in schedules and budgets for current commitments and new projects.

Some of the new projects are successful 2013 Call for Projects applications which have been provided the promised local match from the SBHP. Two Metro / Caltrans projects, totaling \$40 million, have fully used the Strategic Positioning Reserve of \$20 million and are recommended to receive an additional \$20 million in new SBHP funding. The projects are the I-110 auxiliary lane and ramp improvements at the I-405 and Crenshaw Blvd./182nd Street.

Based on the relatively small proportion of project applications that were approved in the 2013 Call for Projects, the Metro Budget Request includes a more extensive list of project development studies that will be undertaken using the new SBCCOG technical bench task order procurement approach. These studies in scope and cost vary depending on the status of project development. The studies range from simple feasibility studies, to complex design contracts that will ready a project to apply for construction funding in the 2015 Metro Call for Projects. The project development program also continues funding agreement preparation assistance to project lead agencies for new projects. Once project funding agreements are executed between the lead agencies and Metro, the projects are implemented by the lead agencies per the funding agreement with no further development funding from the SBCCOG program.

The proposed budget also continues to implement changes initiated during the last year in the SBCCOG's approach to management of the SBHP. The Iteris team technical assistance contract expired in September 2013 with the exception of Task 5 - Project Oversight, which will continue until December 31, 2013 in order to develop and implement a simpler, more cost effective project progress reporting and risk reporting process.. The budget request assumes that current member firms of the Iteris team including Iteris have been converted to on-call, as needed direct contracts. In addition, the budget assumes that the other 25 SBHP Technical Consultant Bench firms have executed their contracts and are available to respond to Task Orders issued for future

technical assistance. Exhibit 1 includes estimated costs related to SBHP technical assistance, program development, project oversight and administration for fiscal years 2014 through 2020 with SBCCOG staff and Transportation Consultant costs escalated at 3% per year as assumed in the Metro Long Range Transportation Plan. The Exhibit also reflects known changes in current project schedules, scopes and budgets and new projects requested by lead agencies during the Metro Budget Request annual project development process. The baseline document that was used to prepare the spreadsheet is the January 2013 Metro Board-approved allocation spreadsheet.

The Draft Metro Budget Request was reviewed by the Measure R Oversight Committee and Infrastructure Working Group at their respective October 2013 meetings and by the Measure R Oversight Committee at its November 6, 2013 meeting. The item should be considered for approval by the SBCCOG Board at the November 21, 2013 meeting in order to meet the requirement that the plan be submitted to Metro staff by December 2013.

RECOMMENDATION

The Measure R Oversight Committee recommends that the SBCCOG Board of Directors approve the FY 2014-2020 SBHP Metro budget request as reflected in Exhibit 1 and transmit it to the Metro Board of Directors for their approval.

Annual Allocation in Metro LRTP (in \$1K)	\$35,900	\$35,900	\$57,700	\$18,700	\$18,700	\$18,700	\$18,700	\$5,900	
2010/11-11/12	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	
Annual Available Measure R Funds	\$25,900	\$44,025	\$56,263	\$68,235	\$49,503	\$43,247	\$38,837	\$31,746	\$15,262
Annual Project Allocations	\$17,775	\$23,662	\$45,728	\$37,432	\$24,956	\$23,110	\$25,791	\$22,383	\$11,737
Unallocated Annual Carry Over	\$8,125	\$20,363	\$10,535	\$30,803	\$24,547	\$20,137	\$13,046	\$9,362	\$3,525

Note: The amount of available SBHP Measure R funds each year is the sum of the Annual Allocation in the Metro LRTP + the unallocated carry over from the previous year. The sum of annual project allocations in each year is subtracted from the Annual Available Measure R funds in the same year with the remainder being the unallocated carry over for that year.

New \$			Increased \$			Reduced \$			Closed										
Identification		Location			Allocated Fundings														
Old ID	Metro ID	Project Sponsor	Facility	Limits	City/ County	Description	Original Budget/ Funding	Current Allocation	Prev Year	2012/13	2013/14	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	Cummulative Change	
F29	MR312.31	* SBCCOG	Various	Various	Various	South Bay Subregional ITS Plan		\$7,000	\$0	\$0	\$2,000	\$2,000	\$2,000	\$1,000	\$0	\$0	\$0	\$0	
SB01		* SBCCOG	Early Action Contingency			Early Action Contingency	\$7,000	\$3,500	\$2,500	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,500)
SB05		* SBCCOG	Strategic Positioning Reserve Funds			Strategic Positioning Reserve Funds	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$17,200)
SB02		* SBCCOG	Measure R SBHP			Program Contingency	\$17,200	\$12,000	\$0	\$0	\$0	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$2,000	\$12,000
	MR312.01	* SBCCOG	Measure R Highway Program		South Bay	Program Development, Oversight, and Administration - Total	\$6,752	\$3,989	\$0	\$0	\$576	\$562	\$539	\$600	\$500	\$594	\$617	(\$2,763)	
SB03		SBCCOG	Measure R Highway Program		South Bay	Project Development		\$6,600	\$0	\$700	\$3,560	\$1,040	\$0	\$1,300	\$0	\$0	\$0	\$0	\$6,600
		SBCCOG	El Segundo Commuter Bikeways	Aviation Blvd, Douglas St. and El Segundo Blvd	El Segundo	Feasibility study to establish three bicycle corridors within the city limits which are near large employers and adjacent to green line stations.		\$150	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$150
F2	MR312.02	SBCCOG	Measure R Highway Program	Manchester/La Cienega	Inglewood	PSR for Bundled Projects: Channelize and raise median Manchester Boulevard from Ash Avenue to La Cienega Boulevard, Improve turn radii La Cienega Boulevard at Manchester Boulevard, Improve turn radii and through-right lane La Cienega Boulevard at Florence Avenue	\$186	\$50	\$0	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$136)
		SBCCOG	Measure R Highway Program	at I-405, from Hawthorne Boulevard to Prairie Avenue	Lawndale	PAED Study - Signal upgrades, concrete pads for transit, ADA ramps		\$50	\$0	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50
		SBCCOG	Measure R Highway Program	Vincent Thomas Bridge 110 Connector	Los Angeles	Vincent Thomas Bridge 110 Connector (Port of Los Angeles)		\$1,000	\$0	\$0	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000
F55		SBCCOG	Measure R Highway Program	Western /Sepulveda	Torrance	Design and Environmental Only: Add northbound left-turn lane; widen and restripe for dual eastbound left-turn lanes and westbound right-turn lanes, modify signals AND WESTBOUND DOUBLE LEFT TURN LANES.		\$1,850	\$0	\$0	\$1,850	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,850
		SBCCOG	Measure R Highway Program	PCH/Hawthorne Park and Ride	Torrance	PCH / Hawthorne Park and Ride Feasibility Study		\$150	\$0	\$0	\$0	\$150	\$0	\$0	\$0	\$0	\$0	\$0	\$150
		SBCCOG	Measure R Highway Program	PCH/Aviation	Hermosa Beach	Feasibility Study PCH / Aviation Roadway, signalization, pedestrian lighting improvements, and sidewalk widening on Aviation Boulevard from Prospect Avenue to Pacific Coast Highway and on Pacific Coast Highway (SR-1) from Aviation Boulevard to Herondo Street		\$100	\$0	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$100
F40		SBCCOG	Sepulveda Blvd	El Segundo Blvd to Artesia Blvd.	Manhattan Beach	PSR/PSRE for the implementation of PCH Study Improvements		\$50	\$0	\$0	\$50	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$50
		SBCCOG	Measure R Highway Program	Vista Montana / Anza / PCH	Torrance	FA Assistance		\$10	\$0	\$0	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10
		SBCCOG	Hawthorne Boulevard	at 182nd Street, Spencer Street, Emerald Street, and Lomita Boulevard	Torrance	FA Assistance		\$10	\$0	\$0	\$10	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$10
		SBCCOG	Measure R Highway Program	South Bay Arterials	Various	South Bay Arterial Performance Monitoring implementation Study		\$300	\$0	\$0	\$0	\$300	\$0	\$0	\$0	\$0	\$0	\$0	\$300

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	MR312.30	Metro/Caltrans	I-405 and I-105	I-1405 from I-110 to I-105 and I105 from I-405 to Crenshaw	Caltrans	Corridor Refinement Studies	\$1,000	\$700	\$0	\$700	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$300)
F49	MR312.09	Torrance	Pacific Coast Highway	at Crenshaw Avenue	Torrance	Preliminary Design EIR and P.S.&E. for operational improvements	\$1,840	\$1,300	\$0	\$0	\$0	\$0	\$1,300	\$0	\$0	\$0	\$0	(\$540)
		Torrance	Hawthorne Boulevard	at 182nd Street, Spencer Street, Emerald Street, and Lomita Boulevard	Torrance	P.S.&E for roadway widening to construct new northbound right turn lanes	\$1,050	\$880	\$0	\$0	\$440	\$440	\$0	\$0	\$0	\$0	\$0	(\$170)
N34	MR312.37	Carson	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Carson	Widen from four lanes to six lanes, rehabilitate bridge.	\$1,158	\$1,158	\$0	\$1,158	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		County	Various	Regional	South Bay	2013 Call for Projects South Bay Forum systemwide operational improvements, coordination and timing, and ITS improvements	\$1,138	\$1,021	\$0	\$0	\$0	\$0	\$0	\$0	\$401	\$620	\$0	(\$117)
N32	MR312.16	County / Los Angeles	Del Amo Boulevard	from Western Avenue to Vermont Avenue	County / Los Angeles	Reconstruct and widen from one lane in each direction to two lanes in each direction	\$26,920	\$26,820	\$0	\$1,000	\$900	\$0	\$5,000	\$5,000	\$5,000	\$5,000	\$4,920	(\$100)
N46	MR312.39	El Segundo	Vista Del Mar	north of southern City Limit	El Segundo	Roadway safety improvements: realign S-Curve	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$1,500)
N55		El Segundo	Park Place	Nash Street to Allied Way	El Segundo	Park Place roadway extension and railroad grade separation project	\$0	\$350	\$0	\$0	\$350	\$0	\$0	\$0	\$0	\$0	\$0	\$350
F39	MR312.27	El Segundo	Sepulveda Boulevard	from Imperial Highway to El Segundo Boulevard	El Segundo	PCH Study Improvements: Implement PCH Study Recommendations (8)	\$400	\$400	\$0	\$0	\$0	\$400	\$0	\$0	\$0	\$0	\$0	\$0
N69	MR312.22	El Segundo	Maple Avenue	from Sepulveda Boulevard to Parkview Avenue	El Segundo	Improve signage and roadway to provide a connection between northbound Sepulveda Boulevard and the eastbound I-105 ramps.	\$2,500	\$2,500	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N42	MR312.17	Gardena	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Gardena	Install median, left turn pockets, intersection upgrade. Coordinated with County TSSP project.	\$5,140	\$5,140	\$300	\$317	\$4,523	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N67	MR312.21	Gardena	Vermont Avenue	from Rosecrans Avenue to 182nd Street	Gardena	Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work	\$2,350	\$2,350	\$150	\$132	\$2,068	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N53	MR312.19	Gardena	Artesia Boulevard	at Western Avenue	Gardena, Torrance	Add westbound dual left turns.	\$675	\$675	\$75	\$0	\$600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
P5		Gardena	Park & Ride Facility	Southeast corner of Rosecrans Boulevard and Wadkins Ave (vacant lot)	Gardena	Construction of at park and ride facility at the southeast corner of Rosecrans Boulevard and Wadkins Ave. (vacant lot)	\$427	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	(\$427)
N26	MR312.44	Hawthorne	Hawthorne Boulevard	El Segundo Boulevard to Rosecrans Avenue	Hawthorne	Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.	\$4,171	\$5,366	\$0	\$0	\$4,171	\$1,195	\$0	\$0	\$0	\$0	\$0	\$1,195
		Hawthorne	Prairie Avenue	from 118th Street to Marine Avenue	Hawthorne	Signal improvements on Prairie Avenue from 118th Street to Marine Avenue	\$1,237	\$1,237	\$0	\$0	\$0	\$0	\$0	\$0	\$618	\$619	\$0	\$0
F11	MR312.03	Hawthorne	Rosecrans Avenue	From I-405 Southbound off-ramp to Isis Avenue	Hawthorne	Widen Rosecrans Avenue to accommodate southbound off-ramp receiving lane.	\$2,100	\$2,100	\$2,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N14	MR312.33	Hawthorne	Aviation Boulevard	at Marine Avenue	Hawthorne	Construct westbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects	\$600	\$2,100	\$0	\$600	\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$1,500

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New \$		Increased \$		Reduced \$		Closed												
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F44	MR312.38	Hermosa Beach	Pacific Coast Highway	at Aviation Boulevard	Hermosa Beach	\$872	Add southbound dual left turn lanes	\$872	\$0	\$0	\$0	\$0	\$872	\$0	\$0	\$0	\$0	\$0
F45	MR312.05	Hermosa Beach	Pacific Coast Highway	from Artesia Boulevard to Anita Street	Hermosa Beach	\$368		\$368	\$0	\$0	\$368	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Inglewood	Phase V	City of Inglewood	Inglewood	\$586	Communication Gap closure on various locations, TS Upgrade and Arterial Detection	\$384	\$0	\$0	\$0	\$0	\$0	\$0	\$192	\$192	\$0	(\$202)
N6	MR312.12	Inglewood	Phase IV	Various	Inglewood	\$3,500	4th Phase of Citywide ITS Master Plan (central computer system with fiber optic interconnection linking all signalized intersections for two-way communications)	\$3,500	\$300	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N25	MR312.36	Lawndale	Various	Citywide	Lawndale	\$1,500	Traffic Signal Improvements Citywide	\$1,500	\$0	\$150	\$0	\$1,350	\$0	\$0	\$0	\$0	\$0	\$0
N22	MR312.15	Lawndale	Inglewood Avenue	from 156th Street to I-405 southbound on-ramp	Lawndale	\$500	Extension of Phase 2 widening to I-405 southbound ramp	\$500	\$100	\$0	\$0	\$400	\$0	\$0	\$0	\$0	\$0	\$0
F53	MR312.43	Lomita	Pacific Coast Highway	at Walnut	Lomita	\$900	Improve receiving lane of northern leg of intersection	\$900	\$0	\$0	\$150	\$750	\$0	\$0	\$0	\$0	\$0	\$0
N31		Los Angeles	Del Amo Boulevard	from Western Avenue to Vermont Avenue	Los Angeles	\$0	Review of Feasibility study	\$100	\$0	\$0	\$100	\$0	\$0	\$0	\$0	\$0	\$0	\$100
		Los Angeles	Anaheim Street	Farragut Avenue to Dominguez Channel	Los Angeles	\$2,354	Widen Anaheim Street from 78' to 84' and restripe to accommodate an additional lane in each direction; this would improve the roadway from 4 lanes to 6 lanes (SCAG RTP ID: 21120118)	\$2,298	\$0	\$0	\$0	\$0	\$0	\$310	\$280	\$1,708	\$0	(\$56)
N13	MR312.32	Manhattan Beach	Aviation Boulevard	at Marine Avenue	Manhattan Beach	\$1,500	Add dual southbound left-turn lanes. Aviation Boulevard Phase 1: Intersection Projects	\$1,500	\$0	\$0	\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$0
F43	MR312.35	Manhattan Beach	Sepulveda Boulevard	at Manhattan Beach Boulevard	Manhattan Beach	\$980	Add northbound, westbound and eastbound dual left turn lanes and southbound right-turn lane	\$980	\$0	\$0	\$0	\$0	\$980	\$0	\$0	\$0	\$0	\$0
N57	MR312.34	Manhattan Beach	Aviation Boulevard	at Artesia Boulevard	Manhattan Beach	\$1,500	Construct southbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects	\$1,500	\$0	\$0	\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$0
F41	MR312.28	Manhattan Beach	Sepulveda Boulevard	from 33rd Street to south of Rosecrans Avenue	Manhattan Beach	\$9,100	Add one northbound lane by widening bridge no. 53-62	\$9,100	\$0	\$4,550	\$4,550	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F42	MR312.04	Manhattan Beach	Sepulveda Boulevard	at Marine Avenue	Manhattan Beach	\$235	Add westbound dual left turns	\$235	\$0	\$0	\$235	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F38	MR312.24	Metro / Caltrans	I-110	Southbound I-405 from SR-91 to Del Amo Boulevard Undercrossing	Metro / Caltrans	\$1,150	PAED: Auxiliary lane on southbound I-110 from westbound SR-91 connector to Torrance Boulevard off-ramp and evaluate feasibility of a new flyover ramp from northbound I-405 to southbound I-110 Connector	\$20,000	\$0	\$0	\$1,150	\$300	\$2,000	\$5,900	\$5,900	\$4,750	\$0	\$18,850
FN 1	MR312.29	Metro / Caltrans	Pacific Coast Highway and Parallel Arterials	From Imperial Highway to I-110	County, El Segundo, Hawthorne, Manhattan Beach	\$9,000	ITS: Pacific Coast Highway and Parallel Arterials from I-105 to I-110	\$9,000	\$0	\$0	\$7,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0
F60	MR312.11	Metro / Caltrans	I-405, I-110, I-105, SR-91	at freeway ramp/arterial signalized intersections	Carson, County, El Segundo, Hawthorne, Inglewood, Los Angeles, Lawndale, Redondo Beach, Torrance	\$5,000	DCCM: Coordinate freeway ramp/arterial intersections with arterial corridors. (e.g. NB I-405 Off-Ramp at Artesia Boulevard, SB I-110 Off-Ramp at Pacific Coast Highway)	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Metro / Caltrans	I-110	from Artesia Boulevard to I-405	Los Angeles	\$1,000	Implement an Integrated Corridor Management System along the SR -110 Corridor between Artesia Boulevard and the I-405. The project will integrate freeway, arterial and transit operations, implement a Decision Support System for coordinated agency operations and traveler information systems.	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1,000	\$0	\$0

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N18	MR312.42	Redondo Beach	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Add southbound right-turn lane south of railroad tracks to Manhattan Beach Boulevard	\$5,175	\$5,175	\$0	\$0	\$125	\$185	\$4,865	\$0	\$0	\$0	\$0	\$0
N19	MR312.14	Redondo Beach	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Install eastbound right-turn arrow	\$30	\$30	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N17	MR312.13	Redondo Beach	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct eastbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects	\$22	\$22	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
N58	MR312.20	Redondo Beach	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct northbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects	\$847	\$847	\$847	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F47	MR312.07	Redondo Beach	Pacific Coast Highway	at Torrance Boulevard	Redondo Beach	Add northbound right-turn lane	\$586	\$586	\$59	\$527	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F48	MR312.08	Redondo Beach	Pacific Coast Highway	at Palos Verdes Boulevard	Redondo Beach	Install westbound right-turn lane	\$320	\$320	\$32	\$288	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F46	MR312.06	Redondo Beach	Pacific Coast Highway	from Anita Street to Palos Verdes Boulevard	Redondo Beach	PCH Study Improvements: Implement PCH Study Recommendations (11)	\$1,400	\$1,400	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
P4	MR312.23	Torrance	Torrance Regional Transit Center	465 Crenshaw Boulevard	Torrance	Construct a regional Transit Center including an 8 bus berth transit center building, a kiss-n-ride passenger drop-off, and a park-and-ride vehicle lot for 250 vehicles for the initial parking space provision	\$18,100	\$18,100	\$1,000	\$10,500	\$6,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
B7A	MR312.25	Metro / Caltrans	I-405	at 182nd St. / Crenshaw Boulevard	Torrance	I-405 at 182nd St./Crenshaw Boulevard improvements	\$1,700	\$20,000	\$0	\$0	\$1,700	\$0	\$300	\$2,000	\$5,900	\$5,900	\$4,200	\$18,300
B7B	MR312.26	Torrance	I-405	at 182nd St. / Crenshaw Boulevard	Torrance	I-405 at 182nd St./Crenshaw Boulevard improvements	\$300	\$15,300	\$0	\$0	\$300	\$5,000	\$0	\$5,000	\$5,000	\$0	\$0	\$15,000
F50	MR312.40	Torrance	Pacific Coast Highway	at Vista Montana/Anza Avenue	Torrance	Restripe to add southbound through lane & signal modification for protected northbound/southbound left-turn phasing. Modify striping to accommodate a longer northbound left-turn lane	\$2,900	\$2,900	\$0	\$0	\$2,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0
F51	MR312.10	Torrance	Pacific Coast Highway	at Hawthorne Boulevard	Torrance	Add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades	\$19,600	\$19,600	\$1,300	\$0	\$300	\$18,000	\$0	\$0	\$0	\$0	\$0	\$0
N47	MR312.18	Torrance	Maple Avenue	at Sepulveda Boulevard	Torrance	Add southbound right-turn pocket	\$600	\$600	\$60	\$540	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
		Torrance	PCH	From Calle Mayor to Janet Lane	Torrance	Safety guardrail, fencing and landscaping project to prevent illegal mid-block pedestrian crossing and vehicle incursion onto PCH from a frontage road on the southside of PCH used as a student drop off area for South High School which is on the north side of PCH. The amount of SBHP funding is limited to the lesser of \$852K or the funds needed beyond a potential federal safety grant to construct the southside safety improvements	\$852	\$0	\$0	\$852	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$852
		Torrance	PCH	Madison Ave	Torrance	Signal upgrades to provide left-turn phasing	\$500	\$0	\$0	\$0	\$100	\$400	\$0	\$0	\$0	\$0	\$0	\$500
		Torrance	Crenshaw	From Del Amo to Dominguez	Torrance	3 Southbound turn lanes @ Del Amo Blvd, 208th St, Transit Center Entrance, Signal Improvements at 2 and new signal @ Transit Center	\$3,300	\$0	\$0	\$0	\$1,800	\$1,500	\$0	\$0	\$0	\$0	\$0	\$500