

RESOLUTION NO. 16-129

“A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CARSON, CALIFORNIA, IN SUPPORT OF THE PROJECT LIST FOR THE MEASURE R OPERATIONAL IMPROVEMENT AND RAMP / INTERCHANGE IMPROVEMENTS PROGRAM KNOWN IN THE SOUTH BAY AS THE SOUTH BAY HIGHWAY PROGRAM (SBHP).”

WHEREAS, the Measure R Expenditure Plan as approved by the voters of Los Angeles county in November 2008 will provide approximately \$906 million (in year 2008 dollars), or roughly \$1.4 billion in inflated dollars, over 30 years for much needed ramp and interchange investments to improve the operation of 1-405, 1-110, 1-105, and SR-91 in the South Bay; and

WHEREAS, as a result of collaborative efforts involving the South Bay Cities Council of Governments (SBCCOG), its member jurisdictions, the Infrastructure Working Group (IWG), Caltrans and Los Angeles County Metropolitan Transportation Authority (MTA), the scope of eligible investments also includes local arterial, signal synchronization and park-and-ride projects that can be demonstrated to have a significant operational nexus to the state highway system; and

WHEREAS, that same collaborative effort has resulted in the identification of over 58 cumulative projects totaling approximately \$253 million to be implemented through Fiscal Year 2020-21 of the South Bay Measure R Highway Program, as listed in Exhibit A to this resolution; and

WHEREAS, the City of Carson has been identified as being the Lead Agency for implementation for 5 projects on the Program project list, totaling approximately \$9 million, including projects to be considered by the SBCCOG Board at their November 17, 2016 meeting, for Measure R Highway Program funding, as listed in Exhibit B to this resolution; and

NOW, THEREFORE, be it determined by the City Council of the City of Carson, California, that:

Section 1. Support and endorse the projects to be implemented through Fiscal Year 16-17 of the South Bay Measure R Highway Program project list; and

Section 2. Take these actions with the understanding that, for each Measure R Highway Program funded project for which it is the lead agency, it will be required by MTA to enter into a Funding Agreement (FA) with MTA which will establish the project schedule, cost estimate and budget, and such information for each project will be available for entering into the SBCCOG's project list for tracking; and

Section 3. Endorse and commit to making every good faith effort to complete each project for which it is the Lead Agency pursuant to the schedule as set forth in the FA, but in any event within the period ending five years after a FA for the project is executed; and

Section 4. Understand that the Measure R Highway Program is a cost-reimbursement program subject to annual audit requirements by MTA.

Section 5. The City Clerk shall certify to the adoption of this Resolution and thenceforth and thereafter the same shall be in full force and effect.

PASSED, APPROVED and ADOPTED this 20th day of September, 2016.

Mayor Albert Robles

ATTEST:

City Clerk Donesia L. Gause, CMC

APPROVED AS TO FORM:

City Attorney

		Updated: 10/20/15					Future Years					Total Project Est. Cost	
Metro Project ID FA Type	Phase	Lead Agency / Description	Phase Cost	Measure R Share FY11-22	Est. Reimburse. by 6/30/16	16-17 TOTAL	17-18 TOTAL	18-19 TOTAL	19-20 TOTAL	20-21 TOTAL	21-22 TOTAL	Total Project Est. Cost (All Phases and Sources)	Total Cost Est. Source
ADMINISTRATIVE													
Administration & Miscellaneous Expense			\$1,022,959	\$1,022,959	\$840,931	\$28,140	\$28,988	\$29,852	\$30,752	\$31,672	\$32,624		
Program Development and Misc. Expenses (development, oversight, and in			\$5,696,599	\$5,696,599	\$2,439,624	\$518,385	\$560,536	\$487,906	\$545,489	\$523,306	\$621,353	\$17,577,216	All Admin
Feasibility Studies (previous reimbursement)			\$1,696,661	\$1,696,661	\$496,661	\$0	\$0	\$0	\$400,000	\$400,000	\$400,000		
ACTIVE FEASIBILITY/PLANNING STUDIES													
EXECUTED MR312.57 PD	Feasibility Study	City of El Segundo Park Place from Nash St. to Allied Way, Roadway extension and railroad grade separation	\$350,000	\$350,000		\$350,000	\$0	\$0	\$0	\$0	\$0	\$35,850,000	From Lead Agency
EXECUTED SBHP TO 2014-1	Feasibility Study	City of El Segundo Aviation Blvd, Douglas St. and El Segundo Blvd. Commuter Bikeways Study	\$150,000	\$150,000		\$150,000	\$0	\$0	\$0	\$0	\$0	\$3,000,000	Placeholder Est.
EXECUTED FEAS STUDY SBHP TO 2015-1	Feasibility Study	Port of LA Vincent Thomas Bridge (SR-47) I-110 Connector	\$1,000,000	\$1,000,000	\$112,000	\$888,000	\$0	\$0	\$0	\$0	\$0	\$1,000,000	Construction Separate
EXECUTED MR312.24	PA/ED	Caltrans PAED I-110 Auxiliary lane from SR-91 to Torrance Blvd Auxiliary lane & 405/110 Connector	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$30,000,000	Placeholder Est.
EXECUTED MR312.25	PA/ED	Caltrans PAED I-405 at 182nd St./Crenshaw Boulevard	\$1,700,000	\$1,700,000	\$1,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$34,000,000	Placeholder Est.
EXECUTED MR312.56	PA/ED	City of Los Angeles Review of Feas. Study on Del Amo Blvd from Western Ave to Vermont Ave.	\$100,000	\$100,000	\$3,277	\$96,723	\$0	\$0	\$0	\$0	\$0	\$3,000,000	Placeholder Est.
EXECUTED MR312.16	PA/ED	Los Angeles County Del Amo Boulevard from Normandie Boulevard to Vermont Ave	\$1,900,000	\$1,900,000	\$1,900,000	\$0	\$0	\$0	\$0	\$0	\$0	\$26,000,000	Placeholder Est.
COMMITTED FEASIBILITY/PLANNING STUDIES													
COMMITTED MR312.30	Feasibility Study	Caltrans I-405 from I-110 to I-105 and I-105 from I-405 to Crenshaw: Corridor Refinement Studies	\$700,000	\$700,000		\$300,000	\$400,000	\$0	\$0	\$0	\$0	\$14,000,000	Placeholder Est.
COMMITTED MR312.45	PA/ED	Caltrans PAED/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.	\$1,000,000	\$1,000,000		\$0	\$0	\$500,000	\$500,000	\$0	\$0	\$20,000,000	Placeholder Est.
COMMITTED FEAS STUDY SBHP TO #-#	Feasibility Study	City of Torrance Pacific Coast Highway (SR-1) / Hawthorne Blvd. (SR-107) Park & Ride Feasibility Study	\$150,000	\$150,000		\$0	\$150,000	\$0	\$0	\$0	\$0	\$3,000,000	Placeholder Est.

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COMMITTED FEAS STUDY SBHP TO #-#	Feasibility Study	City of Torrance 182nd St from Kingsdale Ave to Harbor Gateway Transit Center (e/o Vermont Ave.): feasibility of study various corridor improvements (intersection improvements, ITS, bicycle facilities, etc.).	\$300,000	\$300,000		\$300,000	\$0	\$0	\$0	\$0	\$0	\$6,000,000	Placeholder Est.
NEW REQUEST FOR FEASIBILITY/PLANNING STUDIES													
Requested	Feasibility Study	Caltrans I-405 from I-110 to I-105 (including a mile on either side of the freeway): Identify and prioritize operational improvements (aux. lanes, interchange configuration) to reduce travel delay.	\$700,000	\$700,000		\$250,000	\$300,000	\$150,000	\$0	\$0	\$0	\$14,000,000	Placeholder Est.
Requested	PSR	Caltrans SR-1 from eastern boundary of Carson to eastern boundary of Torrance - PSR	\$170,000	\$170,000		\$170,000	\$0	\$0	\$0	\$0	\$0	\$3,400,000	Placeholder Est.
Requested	PSR	Caltrans Western Ave.(SR-213) from Palos Verdes Drive North to northern boundary of Gardena - PSR	\$170,000	\$170,000		\$170,000	\$0	\$0	\$0	\$0	\$0	\$3,400,000	Placeholder Est.
Requested	Feasibility Study	City of Carson Avalon Boulevard Bridge over the Dominguez Channel: Investigate feasibility of an additional lane on the west side for a bike lane and widening of the east side sidewalk to improve flow in a constrained location.	\$60,000	\$60,000		\$0	\$60,000	\$0	\$0	\$0	\$0	\$5,000,000	Placeholder Est.
Requested	PA/ED	City of El Segundo PA/ED Park Place from Nash St to Allied Way- Roadway extension and railroad grade separation, including utility and railroad relocation and construction.	TBD	TBD		\$1,000,000	\$0	\$0	\$0	\$0	\$0	-	Design/Const Separate
Requested	PA/ED + Est Const./ ROW funding	City of Hermosa Beach PA/ED Aviation BI from PCH to Prospect Ave - Arterial Improvements.	\$1,800,000 PA/ED, \$42m Cost/ROW	\$22,300,000		\$1,800,000	\$0	\$2,334,000	\$3,608,000	\$7,280,000	\$7,278,000	\$44,599,000	From Lead Agency
Requested	PA/ED	City of Inglewood PA/ED for Florence Ave at La Brea Ave - Construct new Downtown Inglewood Transit Center at La Brea Station of Crenshaw Line	\$1,500,000	\$1,500,000		\$120,000	\$671,250	\$708,750	\$0	\$0	\$0	\$1,500,000	Total Cost
Requested	PA/ED	Port of LA PA/ED for SR-47/Vincent Thomas Bridge and Front St/Harbor BI Interchange Reconfiguration.	\$12,078,500	\$12,078,500		\$0	\$352,500	\$750,000	\$750,000	\$5,125,000	\$5,101,000	\$23,452,000	From Lead Agency

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Requested	Feasibility Study	City of Rancho Palos Verdes Western Ave (SR-213) from Palos Verdes Drive North to 25th St,: Feasibility study for improvements in coordination with Lomita, LADOT, and Caltrans.	\$90,000	\$90,000		\$90,000	\$0	\$0	\$0	\$0	\$0	\$1,800,000	Placeholder Est.
ACTIVE PROJECTS													
EXECUTED MR312.11	Design/ Construction	Caltrans ITS: I-405, I-110, I-105, SR-91 at freeways ramp/arterial signalized intersections - DCCM	\$5,000,000	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$25,000,000	Placeholder Est.
EXECUTED MR312.29	Design/ Construction	Caltrans Pacific Coast Highway (SR-1) ITS with parallel arterials from I-105 to I-110	\$9,000,000	\$9,000,000	\$5,472,000	\$3,528,000	\$0	\$0	\$0	\$0	\$0	\$9,000,000	Total Cost
EXECUTED MR312.37	Design/ Construction	City of Carson Sepulveda Boulevard widening from Alameda Street to ICTF Driveway	\$1,158,000	\$1,158,000	\$1,158,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,158,000	Total Cost
EXECUTED MR312.17	Design/ Construction	City of Gardena Rosecrans Ave Arterial Improvements From Vermont Ave to Crenshaw Blvd.	\$5,140,000	\$5,140,000	\$1,907,759	\$3,232,241	\$0	\$0	\$0	\$0	\$0	\$5,140,000	Total Cost
EXECUTED MR312.33	Design/ Construction	City of Hawthorne Aviation Bl at Marine Ave; construct westbound right-turn lane.	\$3,600,000	\$3,600,000	\$155,000	\$345,000	\$300,000	\$1,800,000	\$1,000,000	\$0	\$0	\$3,600,000	Total Cost
EXECUTED MR312.05	Design/ Construction	City of Hermosa Beach Pacific Coast Highway (SR-1) between Anita St and Artesia Blvd: Improvements	\$304,000	\$304,000	\$202,936	\$101,063	\$0	\$0	\$0	\$0	\$0	\$304,000	Total Cost
EXECUTED MR312.12	Design/ Construction	City of Inglewood Citywide ITS Phase IV	\$3,500,000	\$3,500,000	\$3,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,000	Total Cost
EXECUTED MR312.15	Design/ Construction	City of Lawndale Inglewood Ave From 156th st to I-405 SB On Ramp Improvements	\$500,000	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500,000	Total Cost
EXECUTED MR312.36	Construction	City of Lawndale Traffic Signal Improvements Citywide	\$1,500,000	\$1,500,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500,000	Total Cost
EXECUTED MR312.43	Design/ Construction	City of Lomita Intersection Improvements at Western (SR-213) /Palos Verdes Dr. & Pacific Coast Highway (SR-1)/Walnut	\$900,000	\$900,000	\$800,000	\$100,000	\$0	\$0	\$0	\$0	\$0	\$900,000	Total Cost
EXECUTED MR312.28	Construction	City of Manhattan Beach Seismic retrofit of Sepulveda Blvd (SR-1) bridge 53-62	\$9,100,000	\$9,100,000	\$6,461,664	\$2,638,336	\$0	\$0	\$0	\$0	\$0	\$9,100,000	Total Cost
EXECUTED MR312.04	Construction	City of Manhattan Beach Sepulveda Blvd at Marine Ave (WB Left Turn Lane)	\$365,000	\$365,000	\$364,500	\$500	\$0	\$0	\$0	\$0	\$0	\$365,000	Total Cost
EXECUTED MR312.06	Design/ Construction	City of Redondo Beach Pacific Coast Highway (SR-1) Arterial Improvements from Anita St to Palos Verdes Blvd	\$1,400,000	\$1,400,000	\$150,000	\$500,000	\$750,000	\$0	\$0	\$0	\$0	\$1,400,000	Total Cost
EXECUTED MR312.07	Construction	City of Redondo Beach Pacific Coast Highway (SR-1) at Torrance Blvd Intersection Improvements	\$585,000	\$585,000	\$127,000	\$458,000	\$0	\$0	\$0	\$0	\$0	\$585,000	Total Cost

		Updated: 10/20/15				Future Years						Total Project Est. Cost	
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EXECUTED MR312.08	Design/ Construction	City of Redondo Beach Pacific Coast Highway (SR-1) at Palos Verdes Blvd Intersection Improvements	\$320,000	\$320,000	\$320,000	\$0	\$0	\$0	\$0	\$0	\$0	\$320,000	Total Cost
EXECUTED MR312.20	Design/ Construction	City of Redondo Beach Aviation Blvd at Artesia Blvd Intersection Improvements	\$847,000	\$847,000	\$350,000	\$497,000	\$0	\$0	\$0	\$0	\$0	\$847,000	Total Cost
EXECUTED MR312.42	Design/ Construction	City of Redondo Beach Inglewood Ave at Manhattan Beach Bl: Add SB right-turn lane south of railroad tracks to Manhattan Beach Bl	\$5,175,000	\$5,175,000	\$117,000	\$1,653,000	\$1,540,000	\$1,125,000	\$740,000	\$0	\$0	\$5,175,000	Total Cost
EXECUTED MR312.10	Design/ Construction	City of Torrance Pacific Coast Highway (SR-1) at Hawthorne Blvd (SR-107) Intersection Improvements	\$19,600,000	\$19,600,000	\$9,600,000	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$19,600,000	Total Cost
EXECUTED MR312.23	Design/ Construction	City of Torrance Torrance Park and Ride Regional Terminal	\$18,100,000	\$18,100,000	\$10,000,000	\$8,100,000	\$0	\$0	\$0	\$0	\$0	\$18,100,000	Total Cost
EXECUTED MR312.26	Design/ Construction	City of Torrance I-405 at 182nd St. /Crenshaw Blvd. operational improvements	\$15,300,000	\$15,300,000	\$5,300,000	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$15,300,000	Total Cost
EXECUTED MR312.40	Design/ Construction	City of Torrance Pacific Coast Highway (SR-1) at Vista Montana/Anza Ave Intersection Improvement	\$2,900,000	\$2,900,000	\$900,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,900,000	Total Cost
EXECUTED MR312.58	Design/ Construction	City of Torrance Pacific Coast Highway (SR-1) from Calle Mayor to Janet Ln. safety improvement.	\$852,000	\$852,000	\$200,000	\$652,000	\$0	\$0	\$0	\$0	\$0	\$852,000	Total Cost
EXECUTED MR312.59	Design/ Construction	City of Torrance PCH at Madison Ave- Signal Upgrades to provide left-turn phasing	\$500,000	\$500,000	\$100,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$500,000	Total Cost
EXECUTED MR312.60	Design/ Construction	City of Torrance Crenshaw Blvd. from Del Amo to Dominguez; three Southbound turn lanes at 1) Del Amo Blvd; 2) extension of 208th St; 3) Transit Center Entrance. Signal Improvements at two existing and new signal at Transit Center and extension of 208th St.	\$3,300,000	\$3,300,000	\$1,300,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$3,300,000	Total Cost
COMMITTED PROJECTS													
COMMITTED MR312.47	Construction	City of Hawthorne Prairie Ave from 118th St to Marine Ave- Signal Improvements	\$1,237,000	\$1,237,000		\$204,114	\$816,456	\$0	\$0	\$0	\$0	\$1,237,000	Total Cost
COMMITTED MR312.50	Construction	City of Inglewood Citywide ITS Phase V- Communication gap closure on various locations, TS upgrade and arterial detection	\$384,000	\$384,000		\$0	\$151,000	\$233,000	\$0	\$0	\$0	\$384,000	Total Cost

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COMMITTED MR312.53	Construction	City of Lawndale Redondo Beach Blvd. Mobility Improvements from Prairie to Artesia (PSRE) at I-405, from Hawthorne Bl. to Prairie Ave- PS&E / ROW Acquisition; Signal upgrades, concrete pads for transit, ADA ramps	\$1,039,262	\$1,039,262		\$0	\$519,632	\$519,632	\$0	\$0	\$0	\$1,039,262	Total Cost
COMMITTED MR312.51	Construction	City of Los Angeles Anaheim St from Farragut Ave to Dominguez Channel- Widen from 78' to 84' and restripe to accommodate an additional lane in each direction	\$3,141,450	\$3,141,450		\$600,000	\$600,000	\$1,941,450	\$0	\$0	\$0	\$3,141,450	Total Cost
COMMITTED MR312.52	Construction	Los Angeles County 2013 CFP South Bay Forum systemwide operational improvements, coordination and timing, and ITS improvements	\$1,021,000	\$1,021,000		\$0	\$0	\$100,000	\$240,000	\$500,000	\$180,681	\$1,021,000	Total Cost
COMMITTED MR312.34	Construction	City of Manhattan Beach Construct SB and WB right-turn lanes on Aviation at Artersia. The project will include right-of-way acquisition, utility relocation, street widening and restriping of the northwest corner of the Aviation Blvd. and Artesia Blvd. intersection.	\$1,500,000	\$1,500,000	\$151,000	\$1,349,000	\$0	\$0	\$0	\$0	\$0	\$1,500,000	Total Cost
COMMITTED MR312.35	Construction	City of Manhattan Beach Sepulveda Blvd (SR-1) at Manhattan Beach Blvd Intersection Improvement. Add left-turn lanes. The project will include right-of-way acquisition, utility relocation, street widening and restriping of the intersection.	\$980,000	\$980,000		\$149,800	\$586,000	\$244,200	\$0	\$0	\$0	\$980,000	Total Cost
COMMITTED PROJECT MR312.09	PD/EA and PS&E	City of Torrance Pacific Coast Highway (SR-1) and Crenshaw Ave- Preliminary Design, EIR and P.S.&E. for operational improvements	\$1,300,000	\$1,300,000		\$1,300,000	\$0	\$0	\$0	\$0	\$0	\$6,500,000	Placeholder Est.
COMMITTED MRE312.#	PS&E	City of Torrance Hawthorne Bl (SR-107) at: 182nd Street, Spencer Street, Emerald Street, and Lomita Blvd. P.S.&E for roadway widening to construct new northbound right turn lanes	\$810,000	\$810,000		\$0	\$810,000	\$0	\$0	\$0	\$0	-	Construction Cost Est. Separate
NEW REQUEST FOR PROJECTS													
Requested	Design/ Construction	City of Carson Widen Sepulveda Blvd for 1,475 linear feet to provide three lanes of traffic in both directions and a raised median, the project involves widening the bridge over the Dominguez Channel.	\$6,375,903	\$5,500,722		\$5,500,723	\$0	\$0	\$0	\$0	\$0	\$6,375,903	Total Cost

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Requested	Design/ Construction	City of Carson Victoria St at Tamcliff Ave - Installation of left-turn phases.	\$120,000	\$120,000		\$120,000	\$0	\$0	\$0	\$0	\$0	\$120,000	Total Cost
Requested	Design/ Construction	City of Carson 223rd St from Lucerne Ave to Alameda St.: widening roadway and install median.	\$3,601,766	\$3,281,413		\$1,640,707	\$1,640,707	\$0	\$0	\$0	\$0	\$3,601,766	Total Cost
Requested	Design/ Construction	City of Carson Figueroa St. at 234th St. - Upgrade the traffic signal equipment to modernize the controller and signal lights	\$150,000	\$150,000		\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000	Total Cost
Requested		City of Carson Traffic Signal Upgrade at Intersection of 213th Street and Dolores Street	\$150,000	\$150,000		\$0	\$0	\$150,000	\$0	\$0	\$0	\$150,000	Total Cost
Requested	Design/ Construction	City of Carson Traffic Signal upgrades at 10 intersections: Figueroa St. at Victoria St., Main St. at 220th St., Main St. at Victoria St., Main St. at Albertoni St., Figueroa St. at 223rd St., Broadway at Victoria St., Albertoni St., Gardena Blvd., Alondra Blvd. and a midblock crossing south of Albertoni Blvd.	\$1,400,000	\$1,400,000		\$300,000	\$150,000	\$150,000	\$800,000	\$0	\$0	\$1,400,000	Total Cost
Requested	Design/ Construction	City of Gardena Crenshaw BI from El Segundo BI to Redondo Beach BI - Arterial Improvements, traffic signal upgrades and synchronization, add turn pockets where feasible, traffic channelization.	\$1,900,000	\$1,900,000		\$116,000	\$1,784,000	\$0	\$0	\$0	\$0	\$1,900,000	Total Cost
Requested	Design/ Construction	City of Gardena Redondo Beach BI from Crenshaw BI to Vermont Ave - Arterial Improvements, traffic signal upgrades and synchronization, add turn pockets where feasible, traffic channelization.	\$3,600,000	\$3,280,000		\$25,511	\$210,467	\$2,050,000	\$994,022	\$0	\$0	\$3,600,000	Total Cost
Requested	Design/ Construction	City of Gardena Normandie Ave from El Segundo BI to 177th St - Arterial Improvements, traffic signal upgrades and synchronization, add turn pockets where feasible, traffic channelization, transit access.	\$4,000,000	\$3,600,000		\$217,800	\$2,564,100	\$818,100	\$0	\$0	\$0	\$4,000,000	Total Cost
Requested	Design/ Construction	City of Gardena Van Ness Ave from El Segundo BI to Redondo Beach BI - Arterial Improvements, traffic signal upgrades and synchronization, add turn pockets where feasible, traffic channelization.	\$3,000,000	\$2,800,000		\$254,800	\$2,545,200	\$0	\$0	\$0	\$0	\$3,000,000	Total Cost
Requested	Design/ Construction	City of Gardena Artesia BI from Western Ave to Vermont Ave - Arterial Improvements, traffic signal upgrades and synchronization, add turn pockets, traffic channelization.	\$2,654,000	\$2,523,200		\$153,065	\$2,350,170	\$19,965	\$0	\$0	\$0	\$2,654,000	Total Cost

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Requested	Design/ Construction	City of Gardena Rosecrans Ave at Vermont Ave & Redondo Beach Bl at Vermont Ave - Traffic Signal upgrades and synchronization, add turn pockets, traffic channelization.	\$1,500,000	\$1,500,000		\$58,000	\$987,000	\$455,000	\$0	\$0	\$0	\$1,500,000	Total Cost
Requested	Design/ Construction	City of Hawthorne Inglewood Ave at El Segundo Bl, Crenshaw Bl at Rocket Road & Crenshaw Bl at Jack Northrop & 120th St from Prairie Ave to Felton Ave - Intersection widening improvements & traffic signal modifications	\$2,000,000	\$2,000,000		\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000,000	Total Cost
Requested	Design/ Construction	City of Hawthorne Hawthorne Bl from 120th St to 111th St - Arterial Improvements	\$5,000,000	\$4,400,000		\$1,100,000	\$3,300,000	\$0	\$0	\$0	\$0	\$5,000,000	Total Cost
Requested	Design/ Construction	City of Hawthorne El Segundo Blvd. from Hawthorne Blvd. to Crenshaw Bl - Upgrade signals, improve right and left-turn lanes	\$3,000,000	\$2,800,000		\$500,000	\$2,300,000	\$0	\$0	\$0	\$0	\$3,000,000	Total Cost
Requested	Design/ Construction	City of Manhattan Beach Sepulveda Bl at Rosecrans Ave, 33rd St, Cedar Ave, 14th St & 2nd St - Operational Improvements.	\$900,000	\$900,000		\$90,000	\$550,000	\$260,000	\$0	\$0	\$0	\$900,000	Total Cost
Requested	Design/ Construction	Los Angeles County Wilmington Ave north of Del Amo Blvd.: Construct safety improvements at railroad crossing	\$600,000	\$600,000		\$50,000	\$550,000	\$0	\$0	\$0	\$0	\$600,000	Total Cost
COMPLETED FEASIBILITY/PLANNING STUDIES													
Completed TO 2014-3 A-F	Feasibility Study	City of Gardena Feasibility Studies for 2015 Metro CFP	\$42,632	\$42,632	\$42,632	\$0	\$0	\$0	\$0	\$0	\$0	\$852,640	Placeholder Est.
Completed SBHP TO 9.5	Feasibility Study	City of Gardena PSRE for three park and ride facilities	\$11,920	\$11,920	\$11,920	\$0	\$0	\$0	\$0	\$0	\$0	\$238,400	Placeholder Est.
Completed SBHP TO 9.2	Feasibility Study	City of Hawthorne PSRE for Signal and associated improvements on Prairie Ave from 118th St. to Marine Ave.	\$32,643	\$32,643	\$32,643	\$0	\$0	\$0	\$0	\$0	\$0	\$652,860	Placeholder Est.
Completed SBPH TO 2014-5	Feasibility Study	City of Hermosa Beach PSR for Pacific Coast Highway (SR-1) / Aviation Blvd. Mobility Improvements Project	\$190,000	\$190,000	\$190,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,800,000	Placeholder Est.
Completed SBPH TO 9.3	Feasibility Study	City of Inglewood PSRE for geometric improvements on La Cienega Blvd and Manchester Blvd.	\$31,664	\$31,664	\$31,664	\$0	\$0	\$0	\$0	\$0	\$0	\$3,166,400	Placeholder Est.
Completed SBHP TO 9.4	Feasibility Study	City of Inglewood PSRE for Phase V of Inglewood's ITS Upgrades	\$24,434	\$24,434	\$24,434	\$0	\$0	\$0	\$0	\$0	\$0	-	Construction Cost Separate

		Updated: 10/20/15				Future Years						Total Project Est. Cost	
Metro Project ID FA Type	Phase	Lead Agency / Description	Phase Cost	Measure R Share FY11-22	Est. Reimburse. by 6/30/16	16-17 TOTAL	17-18 TOTAL	18-19 TOTAL	19-20 TOTAL	20-21 TOTAL	21-22 TOTAL	Total Project Est. Cost (All Phases and Sources)	Total Cost Est. Source
Completed SBHP TO 2014-4	Feasibility Study	City of Inglewood PSR for Manchester/La Cienega 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	\$23,625	\$23,625	\$23,625	\$0	\$0	\$0	\$0	\$0	\$0	\$2,362,500	Placeholder Est.
Completed SBHP TO 2014-6	Feasibility Study	City of Lawndale PSRE for Redondo Beach Blvd. Mobility Improvements from Prairie Ave. to Artesia Blvd. at I-405, from Hawthorne Bl. to Prairie Ave. Signal upgrades, concrete pads for transit, ADA ramps	\$47,360	\$47,360	\$47,360	\$0	\$0	\$0	\$0	\$0	\$0	\$4,736,000	Placeholder Est.
Completed SBHP TO 2014-7	Feasibility Study	City of Manhattan Beach PSR for 7 intersections along Sepulveda Blvd (SR-1) corridor that were identified in the 2009 PCH Study conducted by SCAG and the SBCCOG: at Rosecrans., Marine Ave. / Cedar Ave., Valley Dr., 33rd St., 30th St., 14th St., and 2nd St.	\$43,043	\$43,043	\$43,043	\$0	\$0	\$0	\$0	\$0	\$0	\$4,304,300	Placeholder Est.
Completed Feas Study	Feasibility Study	Metro South Bay Baseline Arterial Performance Monitoring Implementation Study	\$250,000	\$250,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$250,000	Complete
Completed SBHP TO 9.1	Feasibility Study	City of Torrance PSRE for additional turn lanes on Western Ave. (SR-213) at Sepulveda Blvd.	\$37,921	\$37,921	\$37,921	\$0	\$0	\$0	\$0	\$0	\$0	\$1,896,050	Placeholder Est.
Completed SBHP TO 2014-2A	Feasibility Study	City of Torrance Western Ave (SR-213) at Sepulveda Blvd Intersection Improvements	\$80,000	\$80,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$4,000,000	Placeholder Est.
Completed SBHP TO 2014-2B	Feasibility Study	City of Torrance PSR for Hawthorne Blvd. (SR-107) Corridor Improvements at Lomita Blvd, Emerald, Spencer, and 182nd Streets	\$70,000	\$70,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0	\$3,500,000	Placeholder Est.
COMPLETED PROJECTS													
Completed MR312.22 D, C	Construction	City of El Segundo Maple Ave Arterial Improvements from Sepulveda Blvd to Parkview Ave	\$2,500,000	\$2,500,000	\$2,157,575	\$0	\$0	\$0	\$0	\$0	\$0	\$2,157,575	Final Cost
Completed MR312.19 PD, D, C	Construction	City of Gardena Artesia Blvd at Western Ave Intersection Improvements (WB Left Turn Lanes)	\$600,000	\$600,000	\$431,825	\$0	\$0	\$0	\$0	\$0	\$0	\$431,825	Final Cost
Completed MR312.21		City of Gardena Vermont Arterial Improvement From Rosecrans Ave to 182nd Street	\$2,350,000	\$2,350,000	\$2,350,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,350,000	Final Cost
Completed MR312.03	Construction	City of Hawthorne Rosecrans Ave Arterial Improvements from I-405 SB Off-Ramp to Isis Ave	\$2,100,000	\$2,100,000	\$2,100,000	\$0	\$0	\$0	\$0	\$0	\$0	\$2,100,000	Final Cost

Updated: 10/20/15												Total Project Est. Cost	
Metro Project ID FA Type	Phase	Lead Agency / Description	Phase Cost	Measure R Share FY11-22	Est. Reimburse. by 6/30/16	16-17 TOTAL	17-18 TOTAL	18-19 TOTAL	19-20 TOTAL	20-21 TOTAL	21-22 TOTAL	Total Project Est. Cost (All Phases and Sources)	Total Cost Est. Source
Completed MR312.44		City of Hawthorne Hawthorne Blvd From El Segundo Blvd. to Rosecrans Ave	\$7,551,000	\$7,551,000	\$7,551,000	\$0	\$0	\$0	\$0	\$0	\$0	\$7,551,000	Final Cost
Completed MR312.13	Construction	City of Redondo Beach Aviation Blvd at Artesia Blvd Intersection Imp.	\$22,000	\$22,000	\$19,281	\$0	\$0	\$0	\$0	\$0	\$0	\$19,281	Final Cost
Completed MR312.14	Construction	City of Redondo Beach Inglewood Ave at Manhattan Beach Blvd Intersection Improvements	\$30,000	\$30,000	\$27,122	\$0	\$0	\$0	\$0	\$0	\$0	\$27,122	Final Cost
Completed MR312.18	Construction	City of Torrance Maple Ave at Sepulveda Blvd. Intersection Improvements	\$540,000	\$540,000	\$319,870	\$0	\$0	\$0	\$0	\$0	\$0	\$319,870	Final Cost
TOTALS												\$519,994,421	

RESOLUTION NO.: 16-129
EXHIBIT B

CITY OF CARSON SOUTH BAY MEASURE R HIGHWAY PROGRAM PROJECT FUNDING LIST

#	Metro Project Agreement ID	Phase	Project Description	Total Cost	Other Funding Source	Original Measure R Share	Additional Funds Requested	Estimated Reimbursement Schedule				
								FY 17-18	FY 18-19	FY 19-20	FY 20-21	FY 21-22
1	Executed MR312.37	Desn/Con	Sepulveda Boulevard widening from Alameda Street to ICTF Driveway	7,727,477	5,217,000	1,158,000	1,352,477	1,210,000	1,300,477			
2	Committed MR312.46	Desn/Con	Figueroa St. at 234th St. - Upgrade the traffic signal equipment to modernize the controller and signal lights	150,000		150,000	-	150,000				
3	Committed MR312.41	Desn/Con	Traffic Signal upgrades at 10 intersections: Figueroa St. at Victoria St., Main St. at 220th St., Main St. at Albertoni St., Figueroa St. at 223rd St., Broadway at Victoria St., Albertoni St., Gardena Blvd., Alondra Blvd. and a midblock crossing south of Albertoni Blvd.	1,400,000		1,400,000	-	140,000	1,000,000	260,000		
4	Requested	Desn/Con	I-110 Freeway Arterial Signal Improvements	3,520,000	1,760,000	1,760,000		265,000	1,000,000	495,000		
5	Requested	Desn/Con	223rd St from Lucerne Ave to Alameda St.: widening roadway and install median.	6,560,000	3,608,000		2,952,000	1,500,000	1,452,000			
	TOTALS					4,468,000	4,304,477					
						\$8,772,477						