

South Bay Cities Council of Governments

November 20, 2014

TO: SBCCOG Board of Directors

FROM: Steve Lantz, Transportation Consultant

SUBJECT: South Bay Cities Mobility Matrix Preliminary Project List

Adherence to Strategic Plan:

Goal A: Environment, Transportation, and Economic Development. Facilitate, implement and/or educate members and others about environmental, transportation, and economic development programs that benefit the South Bay.

BACKGROUND

L.A. Metro is preparing Sub-regional Mobility Matrices in all sub-regions of L.A. County as an initial step in preparing an update of the Metro Long Range Transportation Plan. The Mobility Matrix process and Preliminary South Bay Mobility Matrix project list (Exhibit 1) were presented to the SBCCOG Steering Committee on November 10, 2014.

Metro staff and consultants have been working with the SBCCOG and South Bay agencies during the past three months to develop the South Bay Mobility Matrix Project List. The current version includes more than 400 projects covering a broad spectrum of potential mobility improvements. The Metro Mobility Matrix is expected to incorporate the sub-regional transportation projects and programs that provide regional benefits in a baseline countywide list of near, mid, and long term mobility projects, policies and programs. This Metro Mobility Matrix Project List is intended to provide a baseline resource for Metro's Long Range Transportation Plan (LRTP) Update, and a potential source of projects to be funded in a future countywide sales tax measure.

The next steps in the Metro planning process include categorizing projects within each sub-region as short, mid or long term, finalizing countywide goals and objectives, and developing performance measures specific to each major project type. Draft performance measures are expected to assess how well projects, programs and policies address mobility, safety, sustainability, economy, state of good repair, and accessibility. Because this is a high-level overview of countywide mobility needs, Metro does not expect to use the Mobility Matrix planning process to: develop a prioritized project list, determine the feasibility of project alignments, compare or analyze modes, or evaluate projects against other sub-regions' projects.

Metro staff is asking for each COG to approve its sub-regional preliminary list so that Metro and its consultants can begin the next step in the process. The South Bay list is a living document which can be updated as local agencies, the SBCCOG, neighboring sub-regions, and Metro identify projects to add, delete or modify.

To provide a more manageable framework in which future priorities can be considered and appropriate funding can be sought, the SBCCOG staff is refining the South Bay project list by grouping projects and programs by project type, as follows: Highway / Arterial operational improvements, Freeway improvements, Intelligent Transportation System / Transportation Management Systems, State of Good Repair programs, Bikeways and Pedestrian improvements, Complete Streets / Slow speed lanes programs, Goods Movement / Grade Separations, Transit improvements, Car Sharing / Ridesharing / Vanpool programs, Sustainable South Bay Program, Vehicle fuel conversion programs, and Transportation Enhancement / Beautification programs.

Recommendation

Approve the South Bay Preliminary Mobility Matrix list of projects (Exhibit 1) for the specific purpose of Metro conducting the performance evaluation phase of the Metro Mobility Matrix development process.

Reviewed and approved by Kim Fuentes

South Bay Cities Subregion Mobility Matrix - Preliminary Project List

South Bay Category	Project ID	Agency	Description	Project Cost Min	Project Cost Max	Source
Highway / Arterial Operational Improvement Program	69	Torrance	190th St / Van Ness Ave Intersection Improvement	\$ 1,200,000	\$ 1,200,000	Subregional Input
	70	Torrance	190th St/Crenshaw Blvd Intersection Improvement	\$ 900,000	\$ 900,000	Subregional Input
	2057	LA City - Wilmington-Harbor City	Alameda St: Widen to provide three lanes per direction from I-10 to Henry Ford Avenue			Wilmington-Harbor City Community Plan (TIMP)
	113	LA City	Anaheim St Roundabout @ Gaffey / Vermont / PV Drive North	\$ 7,000,000	\$ 7,000,000	Subregional Input
	2079	The Port of Los Angeles	Anaheim St. Connections			Port of Los Angeles
	76	Caltrans, LA City, SBCCOG	Anaheim St/110: Widen Anaheim Street and reconfigure I-110 ramps at Anaheim St	\$ 15,000,000	\$ 15,000,000	Subregional Input
	2056	LA City - Wilmington-Harbor City	Anaheim Street and Western Ave: Additional PM parking restrictions and striping for an additional lane are proposed on: • Anaheim Street between Alameda Street and east of Dominguez Channel [TIMP] • Western Avenue between Sepulveda Boulevard and Capitol Avenue [TIMP]			Wilmington-Harbor City Community Plan (TIMP)
	1076	LA City	Anaheim Street: Farragut Avenue to Dominguez Channel: 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			SBHP Budget Request
	2060	LA City - Wilmington-Harbor City	Anaheim Street: Widen between Cushing and I Streets to provide three lanes eastbound and 2 lanes westbound.			Wilmington-Harbor City Community Plan (TIMP)
	71	El Segundo	Aviation Blvd / El Segundo Blvd Intersection Improvement	\$ 1,500,000	\$ 1,500,000	Subregional Input
	1052	Redondo Beach	Aviation Boulevard: at Artesia Boulevard: Construct northbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects			SBHP Budget Request
	1064	Manhattan Beach	Aviation Boulevard: at Artesia Boulevard: Construct southbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects			SBHP Budget Request
	1062	Manhattan Beach	Aviation Boulevard: at Marine Avenue: Add dual southbound left-turn lanes. Aviation Boulevard Phase 1: Intersection Projects			SBHP Budget Request
	12	LA County	Aviation Boulevard: Aviation Boulevard widening project from Imperial Highway to Rosecrans Avenue	\$ -	\$ -	L RTP Supplemental Doc
	1063	Hawthorne	Aviation Boulevard: at Marine Avenue: Construct westbound right-turn lane. Aviation Boulevard Phase 1 Intersection Projects			SBHP Budget Request
	20	El Segundo	Aviation: Widen southbound Aviation Blvd to increase from two to three lanes	\$ 15,000,000	\$ 20,000,000	L RTP Subregional Priorities
	2037	LA City - San Pedro	Capitol Drive: Street improvements for Motorized Vehicle Priority streets may include peak hour parking restrictions for use of curb lanes, turn lane channelization and traffic signal coordination and other traffic management techniques to facilitate motorized vehicle flow and discourage cut-through traffic on local neighborhood streets.			San Pedro Community Plan Text
	131	Carson, LA, LA Co, Torrance	Carson St : Improve striping	\$ -	\$ -	L RTP Subregional Priorities
	8	Lomita, Torrance	Crenshaw and Lomita Bl: Street widening including add'l ROW: on Crenshaw – add dual NB right-turn and a single SB lane. Lomita – add dedicated WB right-turn lane and 4th through lane	\$ -	\$ -	L RTP Subregional Priorities
	9	Torrance	Crenshaw and Torrance Bl: Street widening including add'l ROW: – Crenshaw and Torrance Bl. Provide dedicated SB right turn lane	\$ -	\$ -	L RTP Subregional Priorities
184	Torrance	Crenshaw Bl and 190th St: Reconstruct intersection (remove median and re-stripe) – add on Crenshaw NB left turn lane at Crenshaw Bl and 190th St	\$ 2,000,000	\$ 5,000,000	L RTP Subregional Priorities	
16	Torrance	Crenshaw Bl and Carson St: Street widening (including add'l ROW: – Crenshaw and Carson St – Add 4th through lane on Crenshaw at intersection; and transition to merge back to 3 NB lanes	\$ -	\$ -	L RTP Subregional Priorities	
	3001	Carson	Main St at Del Amo Blvd: Intersection improvement to support major development			Subregional Input

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	10	Torrance	Crenshaw Bl and Sepulveda Bl: Street widening including add'l ROW: – Crenshaw at Sepulveda Bl. On Crenshaw: add dual NB right-turn on Sepulveda; add dedicated EB right-turn lane and 4th through lane	\$ -	\$ -	L RTP Subregional Priorities
Highway / Arterial Operational Improvement Program	15	Torrance	Crenshaw Bl at 182nd St: Widen 182nd St to provide 2 designated WB left turn lanes, 2 WB through lanes and a new EB through right lane. Widen the east side of Crenshaw Bl to provide 3 NB through lanes. Modify signal	\$ -	\$ -	L RTP Subregional Priorities
	72	Torrance	Crenshaw Blvd/ Carson St TSM Intersection Improvement	\$ 5,000,000	\$ 5,000,000	Subregional Input
	73	Torrance	Crenshaw Blvd/ Sepulveda Blvd TSM Intersection Improvement	\$ 5,000,000	\$ 5,000,000	Subregional Input
	74	Torrance	Crenshaw Blvd/ Torrance Blvd TSM Intersection Improvement	\$ 5,000,000	\$ 5,000,000	Subregional Input
	1077	LA City	Del Amo Boulevard: from Western Avenue to Vermont Avenue			SBHP Budget Request
	1050	LA County	Del Amo Boulevard: from Western Avenue to Vermont Avenue: Reconstruct and widen from one lane in each direction to two lanes in each direction			SBHP Budget Request
	23	LA City and County	Del Amo Bl: Complete the missing segment of Del Amo Bl between Denker Av and Normandie Av. Complete missing segment from Normandie to Vermont Av	\$ -	\$ -	L RTP Subregional Priorities
	22	LA County	Del Amo Bl: Construction of a roadway to close the gap between Normandie Av and Vermont Av	\$ 50,000,000	\$ 50,000,000	L RTP Subregional Priorities
	75	Carson	Del Amo Blvd. / Santa Fe Ave Intersection Improvement	\$ 477,000	\$ 477,000	Subregional Input
	1031	LA City	Figueroa Street: Widen Figueroa Street to city standard to provide three lanes in each direction	\$ 800,000		South bay Candidate List 2.26.45
	77	LA City	Gaffey St / 1st St Intersection Improvement	\$ 2,000,000	\$ 2,000,000	Subregional Input
	2061	LA City - Wilmington-Harbor City	Harry Bridges Boulevard (B Street): Widen and realign to provide three lanes per direction from I-110 freeway to Alameda Street with limited access			Wilmington-Harbor City Community Plan (TIMP)
	2077	The Port of Los Angeles	Harry Bridges Signals Note: C St. I-110 Projects including: -Realignment of Harry Bridges and John S. Gibson boulevards. -A new off-ramp for traffic exiting the northbound I-110 to Harry Bridges Boulevard -A dedicated lane for vehicles traveling north on John S. Gibson Boulevard transitioning to Harry Bridges Boulevard.			Port of Los Angeles
	67	Lawndale	Hawthorne Bl and PCH: Add dedicated right turn lanes and left turn pockets	\$ -	\$ -	L RTP Subregional Priorities
	1086	Torrance	Hawthorne Bl: At 182nd Street, Spencer Street, Emerald Street, and Lomita Blvd: for roadway widening to construct new northbound right turn lanes			SBHP Budget Request
	6	Rolling Hills Estates	Hawthorne Bl: at Silver Spur Rd.; Add dual EB and WB left turn pockets	\$ 650,000	\$ 750,000	L RTP Subregional Priorities
	1072	Hawthorne	Hawthorne Boulevard: El Segundo Boulevard to Rosecrans Avenue: Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.			SBHP Budget Request
	2059	LA City - Wilmington-Harbor City	Henry Ford Avenue: Widen to provide three lanes per direction from Alameda Street to Terminal Island Freeway (Alameda Corridor)			Wilmington-Harbor City Community Plan (TIMP)
	112	Lawndale, Redondo Beach	Inglewood Av: Widen Inglewood Av from Manhattan Beach Bl to I-405 to add right-turn lane, SB – Redondo Beach, NB – Lawndale	\$ 20,000,000	\$ 20,000,000	L RTP Subregional Priorities
	1049	Lawndale	Inglewood Avenue- from 156th Street to I-405 southbound on-ramp (Extension of Phase 2 widening)			SBHP Budget Request
	1070	Redondo Beach	Inglewood Avenue: at Manhattan Beach Boulevard: Add southbound right-turn lane south of railroad tracks to Manhattan Beach Boulevard			SBHP Budget Request
	122	Inglewood	La Cienega Bl: Corridor Improvement Project, concept to I-10	\$ -	\$ -	L RTP Subregional Priorities
	124	Inglewood	La Cienega Bl: La Cienega Bl at La Tijera Bl & Centinela Av	\$ -	\$ -	L RTP Subregional Priorities
	2062	LA City - Wilmington-Harbor City	Lomita Boulevard: Improvement as a Secondary Highway, east of Eubank Avenue to Alameda Street, with an at-grade intersection at Alameda. [TIMP]			Wilmington-Harbor City Community Plan (TIMP)
	1039	Inglewood	Manchester/La Cienega : Channelize and raise median Manchester Blvd from Ash Ave to La Cienega Blvd, Improve turn radii La Cienega Blvd at Manchester Blvd, Improve turn radii and through-right lane La Cienega Boulevard at Florence Avenue	\$ 1,700,000	\$ 2,000,000	SBHP Budget Request
	19	Manhattan Beach	Manhattan Beach Arterial Capacity enhancements	\$ 650,000	\$ 1,500,000	Subregional Input
	136	Lawndale	Manhattan Beach Blvd: Improve drainage to prevent failure of crossing gates	\$ -	\$ -	L RTP Subregional Priorities
	68	Torrance	Maple Av at Sepulveda Bl: Construct SB right turn pocket	\$ -	\$ -	L RTP Subregional Priorities

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	1083	Various	Metro/various: South Bay Baseline Arterial Performance Monitoring Implementation			SBHP Budget Request
	5	Carson	New 4-lane connector road to Del Amo Bl – Avalon Bl to Main St (at I-405 junction)	\$ 5,000,000	\$ 6,000,000	L RTP Subregional Priorities
	79	Torrance	Pacific Coast Highway/Crenshaw Blvd intersection improvement	\$ 11,750,000	\$ 11,750,000	Subregional Input
	1068	Hermosa Beach	Pacific Coast Highway: at Aviation Boulevard: Add southbound dual left turn lanes			SBHP Budget Request
	1045	Torrance	Pacific Coast Highway: at Crenshaw Avenue operational improvements			SBHP Budget Request
Highway / Arterial Operational Improvement Program	1046	Torrance	Pacific Coast Highway: At Hawthorne Boulevard add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades			SBHP Budget Request
	1044	Redondo Beach	Pacific Coast Highway: at Palos Verdes Boulevard: Install westbound right-turn lane			SBHP Budget Request
	1043	Redondo Beach	Pacific Coast Highway: at Torrance Boulevard: Add northbound right-turn lane			SBHP Budget Request
	1069	Torrance	Pacific Coast Highway: At Vista Montana/Anza Avenue, 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			SBHP Budget Request
	1071	Lomita	Pacific Coast Highway: At Walnut, improve receiving lane of northern leg of intersection			SBHP Budget Request
	1042	Redondo Beach	Pacific Coast Highway: from Anita Street to Palos Verdes Boulevard: PCH Study Improvements: Implement PCH Study Recommendations (11)			SBHP Budget Request
	1041	Hermosa Beach	Pacific Coast Highway: From Artesia Boulevard to Anita Street: Widen and upgrade the intersections by construction of dedicated right and left-hand turn pockets, re-striping, and re-signalization. PCH / Aviation Roadway, signalization, pedestrian lighting improvements, and sidewalk widening on Aviation Boulevard from Prospect Avenue to PCH and on PCH (SR-1) from Aviation Blvd to Herondo St			SBHP Budget Request
	3	Rolling Hills Estates	Palos Verdes Dr: North at Dapplegray School; add EB merge lanes	\$ 1,750,000	\$ 2,000,000	L RTP Subregional Priorities
	7	Rolling Hills Estates	Palos Verdes Dr: North at Rolling Hills Rd.: Add second WB and EB lanes and protected left turn phasing	\$ 300,000	\$ 500,000	L RTP Subregional Priorities
	127	El Segundo	Park Place: Extension of Park Place between Sepulveda Blvd. and Nash St. (roadway does not currently exist - this is a gap closure project) to help relieve traffic on Rosecrans between Sepulveda Blvd. and the I-405.	\$ 35,000,000	\$ 45,000,000	L RTP Subregional Priorities
	1079	Torrance	PCH: From Calle Mayor to Janet Lane. 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.			SBHP Budget Request
	14	Torrance	Prairie Av and 190th St: Street widening including add'l ROW: – On 190th add dual NB right-turn and re-striping to provide 3 through lanes for WB and EB. Also prohibit on-street parking	\$ -	\$ -	L RTP Subregional Priorities
	1088	Lawndale	Redondo Beach Blvd: At I-405, from Hawthorne Boulevard to Prairie Avenue: ROW Acquisition, signal upgrades, concrete pads for transit, ADA ramps			SBHP Budget Request
	1051	Gardena	Rosecrans Avenue: from Vermont Avenue to Crenshaw Boulevard: Install median, left turn pockets, intersection upgrade. Coordinated with County TSSP project.			SBHP Budget Request
	1034	Lawndale	Rosecrans Avenue: Traffic signal improvements, left-turn improvements and various concrete improvements.	\$ 3,167,912		South bay Candidate List 2.26.39
2045	LA City - San Pedro	San Pedro Priority motorized vehicle routes. The San Pedro Community Plan identifies motorized vehicle priority streets. Motorized vehicle priority streets include: Western Avenue between 25th Street and north San Pedro border; Gaffey Street between 25th Street and north San Pedro border; 25th Street between Rancho Palos Verdes border and Gaffey Street; and Capitol Drive between Western Avenue and Gaffey Street.			San Pedro Community Plan Text	
18	Carson	Sepulveda Blvd: from Alameda Street to ICTF Driveway: Widen from four lanes to six lanes, rehabilitate bridge.	\$ 5,000,000	\$ 10,000,000	L RTP Subregional Priorities	
1065	Manhattan Beach	Sepulveda Boulevard: at Manhattan Beach Boulevard: Add northbound, westbound and eastbound dual left turn lanes and southbound right-turn lane			SBHP Budget Request	

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	1040	Manhattan Beach	Sepulveda Boulevard: at Marine Avenue add westbound dual left turns. Intersection improvements on Sepulveda at Rosecrans Ave., Cedar Ave., Valley Dr., 33rd St., 30th St., 14th St., and 2nd St.			SBHP Budget Request
	1059	Manhattan Beach	Sepulveda Boulevard: from 33rd Street to south of Rosecrans Avenue: Add one northbound lane by widening bridge no. 53-62			SBHP Budget Request
	1058	El Segundo	Sepulveda Boulevard: from Imperial Highway to El Segundo Boulevard: Implement PCH Study Recommendations (8)			SBHP Budget Request
Highway / Arterial Operational Improvement Program	65	Torrance	Sepulveda Blvd/Western Ave TSM intersection improvement	\$ 6,900,000	\$ 6,900,000	Subregional Input
	201	Caltrans	South Bay Ramp and Interchange Improvements : Intersection and interchange improvements, signal synchronizations, ITS corridor improvements, auxiliary lanes, gap closures, and congestion relief, etc. on I-405, I-110, I-105, SR-91, and PCH.	\$ 1,100,000,000	\$ 1,100,000,000	Measure R Unfunded
	24	Torrance	Torrance Bl : Widen to 3 WB through lanes from Crenshaw to Madrona Av	\$ -	\$ -	L RTP Subregional Priorities
	13	LA County, Caltrans	Torrance Bl: Torrance Bl/I-110 undercrossing widening	\$ 4,000,000	\$ 8,000,000	L RTP Subregional Priorities
	1036	Manhattan Beach	Valley Drive/Armored: Intersection Improvements at Manhattan Beach Boulevard and 15th Street	\$ 2,000,000	\$ 3,000,000	South bay Candidate List 2.26.50
	66	Torrance	Van Ness Av and 190th St: Widen intersection. On 190th, restripe to add 3 through lanes for both WB and EB and prohibit on-street parking and upgrade traffic signal	\$ -	\$ -	L RTP Subregional Priorities
	1087	Gardena	Various Improvements: 1) Redondo Beach Blvd Arterial Improvements from Crenshaw Blvd to Vermont Ave; 2) Crenshaw Blvd Arterial Improvements from Redondo Beach Blvd to El Segundo Blvd; 3) Normandie Ave Arterial Improvements from El Segundo Blvd to 177th Street			SBHP Budget Request
	1053	Gardena	Vermont Avenue: from Rosecrans Avenue to 182nd Street: Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work			SBHP Budget Request
	11	Torrance, Los Angeles	Western /Sepulveda: Add northbound left-turn lane; widen and restripe for dual eastbound left-turn lanes and westbound right-turn lanes, modify signals and WB double left turn lanes.	\$ 5,000,000	\$ 9,000,000	SBHP Budget Request, L RTP Subregional Priorities
Freeway Operational Improvement Program	1011	Caltrans, Hawthorne	I-105: Add WB auxiliary lane from Prairie Avenue to I-405	\$ 30,000,000	\$ 34,600,000	South bay Candidate List 2.26.23
	1102	Caltrans	I-105: Add Aux lane on EB 105 from Nash Avenue to Van Ness Avenue	\$ 19,000,000	\$ 23,000,000	Caltrans
	1101	Caltrans	I-105: Add Aux lane on WB I-105 from Wilton Place to Hawthorne Blvd	\$ 12,000,000	\$ 19,000,000	Caltrans
	1073	Caltrans, Los Angeles	I-110- from Artesia Boulevard to I-405: Implement an Integrated Corridor Management System The project will integrate freeway, arterial and transit operations, implement a Decision Support System for coordinated agency operations and traveler information systems.			SBHP Budget Request
	2051	Caltrans, LA City - San Pedro	I-110/SR-47/Harbor Boulevard Interchange Improvements			San Pedro Community EIR (SCAG RTP)
	2076	Caltrans, Port of Los Angeles	I-110/SR-47 Connectors Improvement Program: Projects which improve freeway access to Port facilities, eliminate traffic movement conflicts, improve existing non-standard elements, and better accommodate existing and future traffic conditions for Port and background traffic. The primary strategy of this program is the reduction and separation of port truck traffic from roadways heavily used by the general public. This program focuses on connectors to the I-110 and SR-47 from C Street/Harry Bridges Blvd on the north to Harbor Blvd/Front St on the south, including the I-110/SR-47 Interchange.			The Port of Los Angeles
	2082	Caltrans, Port of Los Angeles	I-110/SR-47 Interchange and John S. Gibson Intersection/NB I-110 Ramp Access			The Port of Los Angeles
	189	Caltrans, SBCCOG	I-110: Add auxiliary lane SB I-110 between Sepulveda and PCH	\$ 15,000,000	\$ 25,000,000	Subregional Input

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	1038	Caltrans, Carson, Los Angeles, Los Angeles County	I-110: Auxiliary Lane on SB I-110 from WB SR-91 Connector from Torrance Boulevard off-ramp.	\$ 11,750,000		South bay Candidate List 2.26.16
Freeway Operational Improvement Program	2081	Caltrans, Port of Los Angeles	I-110: C St./I-110 Access Ramp Improvements: - A new off-ramp for traffic exiting the northbound I-110 to Harry Bridges Boulevard. - A dedicated lane for vehicles traveling north on John S. Gibson Boulevard transitioning to Harry Bridges Boulevard. - A dedicated lane for traffic exiting the southbound I-110 and continuing south on John S. Gibson Boulevard. - Elimination of the intersection at C and Figueroa streets, with C Street ending in a cul-de-sac west of Figueroa Street. - Realignment of Harry Bridges and John S. Gibson boulevards.			The Port of Los Angeles
	1002	Caltrans, Carson	I-110: Figueroa Street Ramps and Aux Lanes: Widening of NB off-ramp (from 1 to 2 lanes) and NB on-ramp (from 1 to 2 lanes) at I-110 freeway (between Torrance Blvd and Del Amo Ave)	\$ 5,000,000	\$ 13,000,000	South bay Candidate List 2.26.14
	205	Caltrans, SBCCOG	I-110: Implement Interagency Corridor Management System on I-110 from Artesia Blvd and Pacific Coast Hwy	\$ 30,000,000	\$ 30,000,000	Subregional Input
	1021	Caltrans, LA City	I-110: Signalize northbound off-ramp, intersection improvements and widen existing ramps at PCH	\$ 15,000,000		South bay Candidate List 2.26.43
	1019	Caltrans, LA City	I-110: Vincent Thomas Bridge 110 Connector: (Port of Los Angeles)			SBHP Budget Request
	190	Caltrans, SBCCOG	I-110: Widen southbound I-110 off-ramp at Pacific Coast Hwy	\$ 3,000,000	\$ 5,000,000	Subregional Input
	167	Caltrans, SBCCOG	I-110: Reconfigure I-110 / C Street interchange and intersection, add new northbound direct connector from Harry Bridges-Alameda St to northbound I-110	\$ 39,500,000	\$ 39,500,000	Subregional Input
	1055	Caltrans, Metro	I-110: Southbound I-405 from SR-91 to Del Amo Boulevard Undercrossing: Auxiliary lane on SB I-110 from WB SR-91 connector to Torrance Blvd off-ramp and new flyover ramp from NB I-405 to SB I-110 Connector (if feasible)			SBHP Budget Request
	1061	Caltrans	I-405 and I-105: I-405 from I-110 to I-105 and I-105 from I-405 to Crenshaw: Corridor Refinements			SBHP Budget Request
	1057	Caltrans, Torrance	I-405- I-405 at 182nd St. / Crenshaw Boulevard operational improvements			SBHP Budget Request
	1047	Caltrans, Carson, LA County, El Segundo, Hawthorne, Inglewood, Los Angeles, Lawndale, Redondo Beach, Torrance	I-405, I-110, I-105, SR-91- at freeway ramp/arterial signalized intersections: 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)			SBHP Budget Request
	144	Caltrans, Lawndale	I-405: I-405 Add NB auxiliary lane from Hawthorne to Inglewood Av	\$ 15,000,000	\$ 25,000,000	L RTP Subregional Priorities
	191	Caltrans, SBCCOG	I-405/I-110: Replace or realign NB I-405 connector to SB I-110	\$ 50,000,000	\$ 80,000,000	Subregional Input
	180	Caltrans, Torrance	I-405: 182nd St and Crenshaw Bl: Widen NB off-ramp onto 182nd St and modify signal at terminus	\$ 10,000,000	\$ 15,000,000	L RTP Subregional Priorities
	1018	Caltrans, Hawthorne	I-405: Add northbound aux lane from south of El Segundo Blvd to I-105	\$ 15,000,000		South bay Candidate List 2.26.21
	1008	Caltrans, Lawndale	I-405: Add northbound auxiliary lane from Artesia Boulevard to Hawthorne Boulevard	\$ 41,000,000		South bay Candidate List 2.26.40
	1009	Caltrans, LA City	I-405: Add northbound auxiliary lane Normandie to the Western Ave off-ramp	\$ 20,000,000		South bay Candidate List 2.26.41
	179	Caltrans, SBCCOG	I-405: Open and restripe the SB Hawthorne Blvd to northbound I-405 on ramp, bridge widening	\$ 18,000,000	\$ 22,000,000	Subregional Input
202	Caltrans, LA City, Inglewood	I-405: Realign the SB I-405 south of SR-90 to Manchester where it bends sharply just north of Manchester Bl	\$ 38,000,000	\$ 56,000,000	L RTP Subregional Priorities	
195	Caltrans, SBCCOG	I-405: Widen NB I-405 off-ramp to Artesia WB and widen the structure	\$ 7,000,000	\$ 13,000,000	Subregional Input	

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	172	Caltrans, SBCCOG	I-405: Widen northbound I-405 off ramp at Rosecrans Ave	\$ 13,000,000	\$ 13,000,000	Subregional Input
	187	Caltrans, Lawndale, Redondo Beach	I-405: Widen SB Inglewood on-ramp to NB I-495	\$ 3,000,000	\$ 4,000,000	L RTP Subregional Priorities
	173	Caltrans, SBCCOG	I-405: Widen southbound I-405 off-ramp to Rosecrans Ave	\$ 13,000,000	\$ 13,000,000	Subregional Input
	186	Caltrans, SBCCOG	I-405: Widen southbound I-405 on-ramp at 190th St and bridge widening	\$ 13,000,000	\$ 23,000,000	Subregional Input
Freeway Operational Improvement Program	1004	Caltrans, Inglewood	I-405: Widen southbound I-405 on-ramp from southbound La Cienega Blvd.	\$ 120,000,000		South bay Candidate List 2.26.33
	1100	Caltrans	I-405: Add Aux lane on SB I-405 from Hawthorne to Redondo Beach	\$ 52,000,000		Caltrans
	1099	Caltrans	I-405: Add Aux lane on SB I-405 from Inglewood to Hawthorne Blvd.	\$ 41,000,000	\$ 75,000,000	Caltrans
	147	Caltrans, Lawndale	I-405: Add NB auxiliary lane from Redondo Beach Bl to Hawthorne	\$ 10,000,000	\$ 20,000,000	L RTP Subregional Priorities
	149	Caltrans, SBCCOG	I-405: Add northbound auxiliary lane from Inglewood Ave to Rosecrans Ave	\$ 12,000,000	\$ 20,000,000	Subregional Input
	150	Caltrans, SBCCOG	I-405: Add northbound auxiliary lane from Normandie Ave to Western Ave	\$ 20,000,000	\$ 37,000,000	Subregional Input
	145	Caltrans, SBCCOG	I-405: Add northbound auxiliary lane on I-405 from Artesia Blvd to Hawthorne Blvd	\$ 41,000,000	\$ 41,000,000	Subregional Input
	151	Caltrans, SBCCOG	I-405: Add southbound auxiliary lane from Hindry Avenue to Inglewood Ave	\$ 5,000,000	\$ 8,000,000	Subregional Input
	183	Caltrans, SBCCOG	I-405: at 182nd/Crenshaw northbound off and on ramps	\$ 29,500,000	\$ 29,500,000	Subregional Input
	168	Caltrans, Torrance	I-405: At Artesia Bl, modify NB on-ramp from Artesia Bl WB to add a third lane onto NB I-405	\$ 8,000,000	\$ 15,000,000	L RTP Subregional Priorities
	174	Caltrans, Torrance	I-405: At Crenshaw Bl, construct new SB on-ramp from NB Crenshaw Bl including ROW	\$ 10,000,000	\$ 20,000,000	L RTP Subregional Priorities
	175	Caltrans, Lawndale	I-405: I-405 ramp improvements at Hawthorne Bl. (1) Reopen SB Hawthorne to NB I-405 (2) Upgrade signalization at I-405 SB and NB off-ramps Hawthorne Bl	\$ 3,000,000	\$ 5,000,000	L RTP Subregional Priorities
	204	Caltrans, Hawthorne	I-405: Implement I-405 at Rosecrans Access Point improvement project	\$ 1,000,000	\$ 3,000,000	L RTP Subregional Priorities
	182	Caltrans, Hawthorne	I-405: SB between Hindry Av and Rosecrans Avenue off ramp	\$ 1,000,000	\$ 2,000,000	L RTP Subregional Priorities
	177	Caltrans, Hawthorne	I-405: Signalize intersection at bottom of SB Rosecrans off-ramp	\$ -	\$ -	L RTP Subregional Priorities
	178	Caltrans, Lawndale, Redondo Beach	I-405: Widen NB Inglewood loop on-ramp to NB I-405	\$ 3,000,000	\$ 5,000,000	L RTP Subregional Priorities
	185	Caltrans, LA City	I-405: Widen SB on-ramp at 190th (just west of Western Av) from Western Av to 190th St	\$2m	\$4m	L RTP Subregional Priorities
	170	Caltrans, LA City	I-405: Widen SB on-ramp from Western Av/190th St and I-405	\$10m	\$20m	L RTP Subregional Priorities
	166	Caltrans, SBCCOG	I-405: Widen southbound I-405 on-ramp from southbound La Cienega Blvd by adding a continuous Aux to SB I-405	\$ 13,000,000	\$ 20,000,000	Subregional Input
	171	Caltrans, SBCCOG	I-405: Widen the SB Inglewood on-ramp to SB I-405	\$ 6,000,000	\$ 8,000,000	Subregional Input
1030	Caltrans, POLA	SR 47: V. Thomas Bridge/Front St Interchange: New Westbound SR 47 on- and off-ramps at Front St just West of Vincent Thomas Bridge and eliminate the existing non-standard ramp connection to the Harbor Blvd Off-ramp	\$ 35,000,000		SCAG RTP, Caltrans and Metro Nominated PNRS, CA Freight Mobility Plan (CFMP), and SBCCOG Measure R Highway Program	
		Caltrans	I-710/Del Amo Interchange Reconfiguration - Reconfigure Interchange at I-710 and Del Amo (includes Del Amo/Susana improvement)	\$ 30,000,000		I-710 Major Corridor Study, Mar. 2005
Managed Lanes - HOV Lanes / Express Lanes	1103	Caltrans	I-105: Add Hot Lane on 105 from 405 to 605	\$ 300,000,000	\$ 400,000,000	Caltrans
	163	Caltrans, SBCCOG	I-105: HOV Connectors from I-105 westbound to northbound and southbound I-405	\$ 12,000,000	\$ 150,000,000	Subregional Input
	161	Caltrans, SBCCOG	I-110: Add HOV connectors from northbound and southbound I-110 to eastbound SR 91 and from westbound SR-91 to northbound I-110	\$ 80,000,000	\$ 100,000,000	Subregional Input
	162	Caltrans, SBCCOG	I-110: Add HOV connectors from northbound I-110 to eastbound and westbound I-105	\$ 10,000,000	\$ 15,000,000	Subregional Input
	2069	Metro, Caltrans	I-110: Express Lane South Extension to I-405			SBCCOG
	193	Caltrans, SBCCOG	I-405: Add Express Lanes on I-405 between I-110 and I-105	\$ 40,000,000	\$ 80,000,000	Subregional Input
	165	Caltrans, SBCCOG	I-405: Reconstruct the NB I-405 connector to SB I-110 and HOV connector from SB I-405 to NB I-110	\$ 70,000,000	\$ 120,000,000	Subregional Input
	164	Caltrans	SR-91: HOV connector on WB SR-91 to NB I-110	\$ 40,000,000	\$ 60,000,000	L RTP Subregional Priorities

South Bay Cities Subregion Mobility Matrix - Preliminary Project List

South Bay Category	Project ID	Agency	Description	Project Cost Min	Project Cost Max	Source
Freeway Capacity Expansion Improvements	194	Caltrans, SBCCOG	I-405: Add northbound lane on I-405 from El Segundo Blvd to I-105	\$ 15,000,000	\$ 30,000,000	Subregional Input
	197	Caltrans, SBCCOG	I-405: Add 1 or 2 lanes to NB and SB I-405 between Inglewood northern border and I-110; consider inclusion of transit-only fixed guideways	\$ 4,000,000	\$ 6,000,000	Subregional Input
	1010	LA City, Caltrans	I-405: Widen from 3 to 4 lanes through interchange at I-110	\$ 120,000,000		South bay Candidate List 2.26.42
Freeway Capacity Expansion Improvements	2078	Caltrans, Port of Los Angeles	SR-47: Vincent Thomas Bridge Widening			Port of Los Angeles
	2085	The Port of Los Angeles, Caltrans, Port of Long Beach, SCAG, GCCOG, and the I-5 Joint Powers Authority	I-710: Long Beach Freeway (I-710) Improvements			Port of Los Angeles
ITS / Communications with Motorists Program	87	LA City	District 15 Intelligent Transportation System Improvements	\$ -	\$ -	Subregional Input
	82	LA County	Hawthorne Blvd ITS Improvement from Imperial Hwy to Manhattan Beach Blvd	\$ 2,000,000	\$ 2,000,000	Subregional Input
	1104	Caltrans	I-105: Along I-105 between I-605 and Route 1 (ATM and TMS improvements)	\$ 8,000,000	\$ 65,000,000	Caltrans
	135	Redondo Beach, Lawndale	Inglewood Av : Adjust signal timing and install raised median	\$ -	\$ -	L RTP Subregional Priorities
	1048	Inglewood	Inglewood ITS - Phase IV Part A - 4th Phase of Citywide ITS Master Plan (central computer system with fiber optic interconnection linking all signalized intersections for two-way communications). Design and construction of communication infrastructure along major streets within the City of Inglewood - La Brea Ave, Crenshaw Blvd, Manchester Blvd, and Centinela	\$ 3,500,000	\$ 3,500,000	SBHP Budget Request
	2030	Inglewood	Inglewood ITS - Phase IV Part B: Design and installation of fiber-optics on La Cienega Blvd., Centinela Ave., Florence Ave. and Prairie Ave. New CCTV, speed detection systems and web-based traveler information. Upgrade the current Traffic Control System (TCS) to Adaptive TCS and replace 5 Type 170 controllers with Type 2070 controllers on Prairie Ave.	\$ 1,245,000	\$ 1,245,000	Subregional Input
	1075	Inglewood	Inglewood ITS - PHASE V : (1) Designs and constructs computerized traffic control and monitoring systems. (2) Expands central traffic control and advance traffic management at 39 intersections (3) improves 6.13 miles of fiber optic communications, (4) expands Closed Circuit Television Cameras (CCTV) at 10 intersections, (5) installs Changeable Message Signs (CMS) at 2 intersections, and (6) installs new communication hubs at 3 intersections.	\$ 1,918,034	\$ 2,924,285	SBHP Budget Request
	84	LA County	Manhattan Beach Blvd ITS Improvement from Manhattan Ave to Van Ness Ave	\$ 2,000,000	\$ 2,000,000	Subregional Input
	1060	County, El Segundo, Hawthorne, Manhattan Beach, Caltrans	Pacific Coast Highway and Parallel Arterials- From Imperial Highway to I-110: ITS: Pacific Coast Highway and Parallel Arterials from I-105 to I-110			SBHP Budget Request
	290	Torrance	Real-Time Passenger information at all major stops and transfer points	\$ 3,000,000	\$ 3,000,000	Subregional Input
	2072	Redondo Beach: Beach Cities Transit	Real-Time Passenger information at the Transit Center	\$ 1,000,000	\$ 1,000,000	Subregional Input
	137	LA, Torrance (Caltrans)	Sepulveda Bl: Adjust signal timing at Western Av/Sepulveda Bl to reduce queuing over tracks	\$ -	\$ -	L RTP Subregional Priorities
	86	LA County	South Bay Forum ITS Improvements: Various	\$ 500,000	\$ 500,000	L RTP Subregional Priorities
	1118	LA County	South Bay ITS Communications	\$ 4,000,000	\$ 4,000,000	Subregional Input
	88	LA County	South Bay ITS Improvements	\$ 1,020,000	\$ 1,020,000	Subregional Input
1048	Various	South Bay Subregional ITS Plan			SBHP Budget Request	
1089	LA County	System Operations	\$ 1,500,000	\$ 1,500,000	Subregional Input	

South Bay Cities Subregion Mobility Matrix - Preliminary Project List

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	1027	Hawthorne	Various: Municipal Wireless Network for Transportation communications	\$ 100,000,000		South bay Candidate List 2.26.30
Local Streets State of Good Repair	38	Hawthorne	120th St Improvement : Prairie Ave to Inglewood Ave	\$ 1,700,000	\$ 3,000,000	Subregional Input
	39	Gardena	139th St Improvement - Ardath Ave to Budlong Ave	\$ 1,500,000	\$ 1,500,000	Subregional Input
	40	Gardena	166th St Improvement - Berendo Ave to Gramercy Place	\$ 1,500,000	\$ 1,500,000	Subregional Input
	49	Redondo Beach	Arterials/Collectors Street Pavement Rehabilitation	\$ 12,000,000	\$ 12,000,000	Subregional Input
	41	Gardena	Artesia Blvd Improvement: Vermont Blvd to Western Ave	\$ 2,905,000	\$ 2,905,000	Subregional Input
	27	Carson	Carson Street Improvement : I-405 to I-110	\$ 500,000	500000 \$14,000,000.00	Subregional Input
Local Streets State of Good Repair	198	SBCCOG	Coordination of Rehabilitation and Improvement of State Highways (non-freeway routes): between Caltrans, Metro and South Bay Cities Council of Governments	\$ -	\$ -	Subregional Input
	43	Hawthorne	Crenshaw Blvd Improvement : 131st St to Rosecrans Ave	\$ 1,500,000	\$ 2,000,000	Subregional Input
	29	Gardena	Crenshaw Blvd Improvement: Redondo Beach Blvd to El Segundo Blvd, street improvement and signal improvements(6 signals) along the route.	\$ 2,130,000	\$ 2,130,000	Subregional Input
	30	Hawthorne	El Segundo Blvd Improvement : Inglewood Ave to Crenshaw Blvd	\$ 8,398,400	\$ 8,398,400	Subregional Input
	31	El Segundo	El Segundo Blvd Improvement : Sepulveda Blvd to Continental Blvd	\$ 1,500,000	\$ 4,000,000	Subregional Input
	44	Gardena	Gardena Blvd St Improvement - Vermont Ave to Western Ave	\$ 1,500,000	\$ 1,500,000	Subregional Input
	32	Torrance	Hawthorne Blvd Improvement : 182nd St to Lomita Blvd	\$ 3,479,318	\$ 3,479,318	Subregional Input
	63	Hawthorne	Hawthorne Blvd Improvement : El Segundo Blvd to Imperial Hwy	\$ 3,500,000	\$ 5,000,000	Subregional Input
	1108	El Segundo	Local and Arterial Street Maintenance and Repair	\$3,000,000 (annually)	\$5,000,000 (annually)	Subregional Input
	26	Inglewood, Los Angeles	Manchester Blvd and La Cienega Blvd Corridor Improvement (with City of Los Angeles	\$ 779,428	\$ 779,428	Subregional Input
	33	LA County	Normandie Ave Improvement - 95th St to El Segundo Blvd	\$ 2,000,000	\$ 2,000,000	Subregional Input
	60	Gardena	Normandie Ave Improvement: El Segundo Blvd to 177th St	\$ 6,000,000	\$ 6,000,000	Subregional Input
	50	LA County	Pavement Preservation	\$ 21,817,000	\$ 21,817,000	Subregional Input
	46	Hawthorne	Prairie Ave Improvement : Imperial Blvd to Rosecrans Ave	\$ 8,306,300	\$ 8,306,300	Subregional Input
	28	LA City	Redondo Beach Blvd Improvement : I-110 to Figueroa	\$ 3,000,000	\$ 3,000,000	Subregional Input
	61	Gardena	Redondo Beach Blvd Improvement: Crenshaw Blvd to Vermont	\$ 3,340,000	\$ 3,340,000	Subregional Input
	58	Lawndale	Redondo Beach Blvd: From Artesia to Prairie, roadway improvements and signal upgrades	\$ 6,000,000	\$ 8,000,000	Subregional Input
	52	Redondo Beach	Residential Street Pavement Rehabilitation	\$ 6,400,000	\$ 6,400,000	Subregional Input
	34	Manhattan Beach	Sepulveda Blvd Improvement : Rosecrans to Artesia Blvd	\$ 1,500,000	\$ 1,500,000	Subregional Input
	35	El Segundo	Sepulveda Blvd. Improvement : Imperial Hwy to El Segundo Blvd	\$ 3,500,000	\$ 3,500,000	Subregional Input
	25	LA County	Sidewalk, Curb, Parkway Preservation; Repair and Reconstruction	\$ 10,500,000	\$ 10,500,000	Subregional Input
	105	LA County	LA County Traffic Signal Operation Improvements	\$ 21,750,000	\$ 21,750,000	Subregional Input
	140	SBCCOG	State Highway Bridge and major arterial seismic retrofit program (Manhattan Overhead) at Route 1	\$ 5,000,000	\$ 7,000,000	Subregional Input
54	Manhattan Beach	Street Improvements - Annual Rehabilitation	\$ 1,500,000	\$ 1,500,000	Subregional Input	
47	Redondo Beach	Traffic Signals and Street Lights - Regular Deferred Maintenance	\$ 750,000	\$ 750,000	Subregional Input	
36	Gardena	Van Ness Ave St Improvement: Redondo Beach Blvd to El Segundo Blvd	\$ 2,300,000	\$ 2,300,000	Subregional Input	
37	Gardena	Western Ave St Improvement : Artesia Blvd to El Segundo Blvd	\$ 5,900,000	\$ 5,900,000	Subregional Input	
	206	Various	I-405: Implement bikeway projects throughout the I-405 corridor (approx. 24 miles of Class II and 1.6 miles of Class I: Corridor-wide	\$ -	\$ -	L RTP Subregional Priorities
	211	Hawthorne, LA County	135th St: Isis St to Crenshaw Bl	\$ -	\$ -	L RTP Subregional Priorities
	240	Torrance, Hermosa Beach, Redondo Beach	190th St/Herondo Anita: South Bay Bike Trail to Western Av	\$ -	\$ -	L RTP Subregional Priorities
	2001	LA City - San Pedro	1st Street Bike Lanes from Western Ave -Harbor Blvd.			San Pedro Community Plan Text
	219	LA County	223rd Street; Normandie Ave to I-110; Class 2 Bike Lanes	\$ 400,000	\$ 400,000	Subregional Input

South Bay Cities Subregion Mobility Matrix - Preliminary Project List

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Bikeways Program	2003	LA City - San Pedro	25th Street Bicycling Street from S. Gaffey St. to (?), Motorized Vehicles from S. Gaffey St. to (?)			San Pedro Community Plan Text
	212	Inglewood	90th St: Prairie Av to Crenshaw Bl	\$ -	\$ -	L RTP Subregional Priorities
	2002	LA City - San Pedro	9th Street Bicycling Street from S. Miralester Dr.to S. Harbor Blvd.			San Pedro Community Plan Text
	207	Torrance	Anza Av: Sepulveda Bl to PCH Bicycle Improvements	\$ -	\$ -	L RTP Subregional Priorities
	241	LA City, Inglewood	Arbor Vitae St : Crenshaw Bl to Arlington Av	\$ -	\$ -	L RTP Subregional Priorities
	242	LA City, Inglewood	Arbor Vitae St : LA, Inglewood Arbor Vitae St Sepulveda Bl to Prairie Av	\$ -	\$ -	L RTP Subregional Priorities
	2012	Manhattan Beach	Artesia Bl. Bike Lane - Sepulveda Bl. to Aviation Bl.	\$ 900,000	\$ 1,200,000	Local-Mobility Plan
	249		AT & SF Rail ROW: Imperial Hwy to Central Area boundary	\$ -	\$ -	L RTP Subregional Priorities
	220	LA County	Aviation Blvd; Imperial Hwy to 124th St; Class 2 Bike Lanes	\$ 225,000	\$ 225,000	Subregional Input
2016	Manhattan Beach	Bell Avenue Bike Lane/Path	\$ 400,000	\$ 750,000	Local-Mobility Plan	
Bikeways Program	213	Torrance	Cabrillo Bikeway: Sepulveda Bl to Torrance Bl	\$ -	\$ -	L RTP Subregional Priorities
	278	SBCCOG	Car and bike sharing programs	\$ -	\$ -	Subregional Input
	214	LA County	Compton Creek Bike Trail: Bike Trail Class 1 Facility/Connector between Del Amo Bl and LA River Bike Trail	\$ -	\$ -	L RTP Subregional Priorities
	236	Inglewood	Crenshaw Bl : I-105 to 90th St	\$ -	\$ -	L RTP Subregional Priorities
	221	LA County	Crenshaw Bl; in Palos Verdes Peninsula; Class 2 Bike Lanes	\$ 200,000	\$ 200,000	Subregional Input
	222	LA County	Del Amo Blvd; Normandie Ave to I-110; Class 2 Bike Lanes	\$ 125,000	\$ 125,000	Subregional Input
	218	LA County	Dominguez Channel Bike Trail: Bike Trail Class 1 Facility/Connector from Main St to Wilmington	\$ -	\$ -	L RTP Subregional Priorities
	208	LA County	Dominguez Channel; Redondo Beach Blvd to Vermont Ave; Class 1 Bike Path	\$ 2,700,000	\$ 2,700,000	Subregional Input
	209	LA County	Dominguez Creek Bike Path; Main St to Pacific Coast Hwy; Class 1 Bike Path	\$ 6,000,000	\$ 6,000,000	Subregional Input
	244	Gardena, Torrance	Dominguez Creek Channel: Near El Camino College to Western Av	\$ -	\$ -	L RTP Subregional Priorities
	223	LA County	El Segundo Blvd; Isis Ave to Inglewood Ave; Class 2 Bike Lanes	\$ 150,000	\$ 150,000	Subregional Input
	1084	El Segundo	El Segundo Commuter Bikeways- Aviation Blvd, Douglas St. and El Segundo Blvd. Establish three bicycle corridors within the city limits which are near large employers and adjacent to green line stations.			SBHP Budget Request
	210	Torrance	Enhanced Bicycle right-of-way and rack	\$ 1,000,000	\$ 1,000,000	Subregional Input
	2009	LA City - Wilmington-Harbor City	Figuroa Street New Bicycle Route between Harry Bridges Blvd and Anaheim St (or in that vicinity). Provided an important linkage in the existing bicycle route system between Wilmington, Harbor City, the Port of Los Angeles, and San Pedro.			Wilmington-Harbor City Community Plan (TIMP)
	2039	LA City - San Pedro	Gaffey Street San Pedro Priority Streets			San Pedro Community Plan Text
	2005	LA City - San Pedro	Grand Avenue Bicycling Street from 24th to Oliver (and beyond?)			San Pedro Community Plan Text
	245	LA City and County	Imperial Hwy: Aviation Bl to Arlington Av	\$ -	\$ -	L RTP Subregional Priorities
	224	LA County	Imperial Hwy; La Cienega Blvd to Inglewood Ave; Class 2 Bike Lanes	\$ 100,000	\$ 100,000	Subregional Input
	225	LA County	Imperial Hwy; Van Ness Ave to Vermont Ave; Class 2 Bike Lanes	\$ 2,600,000	\$ 2,600,000	Subregional Input
	238	El Segundo	Installation of bike routes and related support facilities	\$ 1,000,000	\$ 2,000,000	L RTP Subregional Priorities
	250	LA City, Inglewood	La Brea Av: Exposition Bl to Imperial Hwy	\$ -	\$ -	L RTP Subregional Priorities
	226	LA County	La Cienega Blvd; Imperial Hwy to El Segundo Blvd; Class 2 Bike Lanes	\$ 1,700,000	\$ 1,700,000	Subregional Input
	228	LA County	Local Bikeways; Class 2 & Class 3 Bikeways on Local Streets	\$ 575,000	\$ 575,000	Subregional Input
	246	Lomita	Lomita Bl (east segment): Crenshaw Bl to Western Av	\$ -	\$ -	L RTP Subregional Priorities
215	Torrance	Lomita Bl (west segment) Anza Av to Hawthorne Bl	\$ -	\$ -	L RTP Subregional Priorities	
216	LA, Lawndale, Manhattan Beach, Redondo Beach	Manhattan Beach Bl: South Bay Bike Trail to Dominguez Channel	\$ -	\$ -	L RTP Subregional Priorities	
229	LA County	Manhattan Beach Blvd; Prairie Ave to Crenshaw Blvd; Class 2 Bike Lanes	\$ 200,000	\$ 200,000	Subregional Input	
2015	Manhattan Beach	Manhattan Beach Citywide Bike Friendly Streets - Redondo Ave, Meadows Ave. Peck Ave. 15th St, 2nd St.	\$ 1,500,000	\$ 3,000,000	Local-Mobility Plan	

South Bay Cities Subregion Mobility Matrix - Preliminary Project List

South Bay Category	Project ID	Agency	Description	Project Cost Min	Project Cost Max	Source
	2018	Manhattan Beach	Manhattan Beach Citywide Bike Racks and Lockers	\$ 75,000	\$ 100,000	Local-Mobility Plan
	267	Manhattan Beach	Manhattan Beach: Bikeway/Pedestrian Improvements - Annual misc non-motorized transportation improvements; (construct crosswalk, bike lanes, etc.)	\$ 100,000	\$ 100,000	Subregional Input
	230	LA County	Marine Av; Gerkin Ave to Crenshaw Blvd; Class 2 Bike Lanes	\$ 125,000	\$ 125,000	Subregional Input
	2011	Manhattan Beach	Marine Ave. Bike Lanes - Sepulveda Bl. to Aviation Bl.	\$ 700,000	\$ 1,000,000	Local-Mobility Plan
	231	LA County	Normandie Avenue; 225th St to Sepulveda Blvd; Class 2 Bike Lanes	\$ 125,000	\$ 125,000	Subregional Input
	2014	Manhattan Beach	Parkway Dr. and Redondo Ave. Bike Lane/Paths	\$ 1,750,000	\$ 2,500,000	Local-Mobility Plan
	217	Torrance	Prairie Av: Artesia to Redondo Beach Bl	\$ -	\$ -	L RTP Subregional Priorities
	232	LA County	Prairie Ave; Redondo Beach Blvd to Marine Ave; Class 2 Bike Lanes	\$ 200,000	\$ 200,000	Subregional Input
	247	County of LA, Lawndale, Gardena, Torrance	Redondo Beach Bl : Hawthorne Bl to Western Av	\$ -	\$ -	L RTP Subregional Priorities
	233	LA County	Redondo Beach Blvd; Prairie Ave to Crenshaw Blvd; Class 2 Bike Lanes	\$ 150,000	\$ 150,000	Subregional Input
2017	Manhattan Beach	Rosecrans Ave. Bike Lanes/Path-Sepulveda Bl. to Aviation Bl.	\$ 1,000,000	\$ 1,000,000	Local-Mobility Plan	
Bikeways Program	2008	LA City - San Pedro	San Pedro Bikeway network. Implement the General Plan Framework Greenways Network and designate, where feasible, Class I facilities (bike paths) for those public right-of-way indicated as Greenway Corridors in Figure 6-1 of the General Plan Framework. (Harbor Blvd, Western Ave, Paseo Del Mar, and 25th St west of Western Ave.)			San Pedro Community Plan Text
	2007	LA City - San Pedro	San Pedro Priority bikeways from the San Pedro Community Plan: Grand Ave between 23rd St and Summerland Ave; 9th St between the westerly CPA boundary and Harbor Blvd.; N. Gaffey St between 1st St and northern CPA boundary; 25th St between the westerly CPA boundary and Gaffey St; 1st St between Harbor View and Harbor Blvd.; and Westmont Dr between Western Ave and Gaffey St.			San Pedro Community Plan Text
	2000	LA City - Harbor Gateway	San Pedro: City initiation of the development of proposed Bikeways along power line rights-of-way, flood control channels and abandoned railroad property. Landscaping of street medians is also proposed, where feasible.			Harbor Gateway CPU
	248	Torrance	Torrance Bl (east segment): Cabrillo Av to Western Av	\$ -	\$ -	L RTP Subregional Priorities
	2013	Manhattan Beach	Valley Dr./Ardmore Ave. Bike Path - Sepulveda Bl. to Longfellow Ave.	\$ 2,500,000	\$ 4,000,000	Local-Mobility Plan
	239	Torrance	Western Av: 223rd St to 190th St	\$ -	\$ -	L RTP Subregional Priorities
	235	LA County	Western Ave; 120th Street to El Segundo Blvd; Class 2 Bike Lanes	\$ 900,000	\$ 900,000	Subregional Input
	2006	LA City - San Pedro	Westmount Drive - Proposed Bicycle Plan San Pedro Community Plan Area (Figure 4-4)			San Pedro Community Plan Text
2010	LA City - Wilmington-Harbor City	Wilmington-Harbor City Area Bikeways - Implement the proposed Bikeway Master Plan in the Bikeway Five Year Program and the 20- year Plan for the Wilmington-Harbor City area: <ul style="list-style-type: none"> • Class I bike paths along the Dominguez Channel from south of Anaheim St to just north of Pacific Coast Highway, and through Harbor Regional Park; • Class II bike lanes along Anaheim Street from Gaffey Street to the eastern City limits, and along Avalon Blvd from Harry Bridges Blvd to the northern City limits. 			Wilmington-Harbor City Community Plan (TIMP)	
Pedestrian Program	259	SBCCOG	Beach access/circulation improvements and parking visitor information/way-finding	\$ -	\$ -	Subregional Input
	2024	Manhattan Beach	Bell Ave./Blanche Ave./24th St./25th St. Crossing Realignment	\$ 400,000	\$ 400,000	Local-Mobility Plan
	2019	Manhattan Beach	Highland Ave. Walk Street Crossings	\$ 4,750,000	\$ 6,000,000	Local-Mobility Plan
	260	LA County	LA County Pedestrian Improvements; Construct New Sidewalk	\$ 3,200,000	\$ 3,200,000	Subregional Input
	264	LA County	Los Angeles County: Pedestrian Improvements	\$ 3,238,000	\$ 3,238,000	Subregional Input
	263	Manhattan Beach	Manhattan Beach Annual Pedestrian Improvements	\$ 400,000	\$ 400,000	Subregional Input
	2020	Manhattan Beach	Manhattan Beach Downtown Pedestrian Crossing Enhancements	\$ 900,000	\$ 1,500,000	Local-Mobility Plan
	265	Manhattan Beach	Manhattan Beach New Pedestrian Improvements	\$ 450,000	\$ 450,000	Subregional Input
	258	Redondo Beach	Pedestrian Path of Travel Improvements (including sidewalk, curb, gutters, ramps, and storm drain inlet devices)	\$ 1,000,000	\$ 2,500,000	Subregional Input
	2021	Manhattan Beach	Sepulveda Bl. Crossing Treatments	\$ 1,200,000	\$ 2,500,000	Local-Mobility Plan

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	262	LA County	Sidewalk Curb Parkway Preservation	\$ 10,491,000	\$ 10,491,000	Subregional Input
	261	LA County	Vermont Ave; 92nd St to El Segundo Blvd; Regional Pedestrian Trail	\$ 11,000,000	\$ 11,000,000	Subregional Input
		Torrance	Pedestrian Overpass across Hawthorne Blvd at Del Amo Fashion Center and Financial Center			Torrance General Plan
	2023	Manhattan Beach	Veterans Parkway Pedestrian Crossing Enhancements	\$ 2,000,000	\$ 3,000,000	Local-Mobility Plan
Complete Streets / Slow Speed Lanes Program	266	SBCCOG	Slow Speed Lane Implementation Program	\$ -	\$ -	Subregional Input
	2034	LA City - San Pedro	5th Street: Conversion of 5th Street from Harbor Boulevard to Pacific Avenue from an existing two lane Secondary Arterial into a one lane one-way westbound Secondary Arterial with angled parking. Transit from Pacific to N. Harbor.			San Pedro Community Plan Text
	2035	LA City - San Pedro	7th Street: Conversion of 7th Street from Harbor Blvd to Pacific Ave from an existing two lane Secondary Arterial into a one lane one-way eastbound Secondary Arterial with angled parking. Pedestrian Street from Pacific to Harbor N.			San Pedro Community Plan Text
	2027	LA City - San Pedro	8th Street: Pedestrian Street: Between S. Weymouth Ave + S Walker Ave.			San Pedro Community Plan Text
	2022	Manhattan Beach	Center Place and 11th St. Walk Streets-Ocean Dr. to Morningside Dr.	\$ 2,000,000	\$ 4,000,000	Local-Mobility Plan
	271	SBCCOG	Develop "complete streets" designed to accommodate Neighborhood Electric Vehicles	\$ -	\$ -	Subregional Input
Complete Streets / Slow Speed Lanes Program	2038	LA City - San Pedro	Front Street: Pedestrian: 3rd St - 9th Street			San Pedro Community Plan Text
	2040	LA City - San Pedro	Harbor Boulevard: Transit priority streets are arterials where bus use is prioritized. The design of these streets should support the comfortable use of transit, utilizing wide sidewalks, landscaping, attractive street furniture and well designed bus stops/shelters. Pedestrian amenities, such as trash cans and benches, and safety measures, such as pedestrian lighting and special crosswalk paving, help support a pedestrian-friendly environment along these streets. Roadway construction features should include concrete bus pads and other features to address the extra maintenance issues associated with high volumes of bus traffic.			San Pedro Community Plan Text
	2042	LA City - San Pedro	Pacific Avenue: Transit Street from Bluff Pl. to N. Front St. + N. Pacific Ave.			San Pedro Community Plan Text
	2053	LA City - San Pedro Ports O'Call	Sampson Way: proposed expansion of Sampson Way into a scenic boulevard along the west perimeter of Ports O'Call Village, and the creation of an extensive network of public promenades, bikeways, and Coastal Trail connections will facilitate public access throughout the waterfront area to better connect the waterfront with downtown San Pedro and the surrounding community.			LA Waterfront - Ports O'Call
	3000	Lawndale	Develop and Implement Citywide Mobility Plan and Complete Streets Guidance			Subregional Input
	2044	LA City - San Pedro	San Pedro priority transit routes. The San Pedro Community Plan identifies transit priority streets. Transit priority streets include: Western Avenue between Weymouth Avenue and north San Pedro boundary; Harbor Boulevard between Vincent Thomas Bridge and 17th Street; Pacific Avenue between Shepard Street and John S. Gibson Boulevard; 5th Street between Pacific Avenue and Harbor Boulevard; and 7th Street between Harbor Boulevard and Weymouth Street.			San Pedro Community Plan Text
	2043	LA City - San Pedro-Rancho PV	(SR 213) Western Avenue: Transit Street from 25th St. to West Capitol Dr. + Beyond.			San Pedro Community Plan Text
	1110	LA County	120th Street (EAST) TSSP; Western Ave to Vermont Ave; Traffic Signal Synchronization	\$ 1,400,000	\$ 1,400,000	Subregional Input
	1111	LA County	120th Street (WEST) TSSP; Aviation Bl to Van Ness Ave; Traffic Signal Synchronization	\$ 3,200,000	\$ 3,200,000	Subregional Input
	1112	LA County	135th Street TSSP; Yukon Ave to Avalon Bl; Traffic Signal Synchronization	\$ 2,800,000	\$ 2,800,000	Subregional Input
	1113	LA County	182nd Street/Albertoni Street; Inglewood Ave to Avalon Bl signal synchronization	\$ 3,000,000	\$ 3,000,000	Subregional Input
	111	LA County	Anza Av: 190th St to Pacific Coast Hwy signal synchronization	\$ 2,250,000	\$ 2,250,000	L RTP Subregional Priorities
	97	LA County	Avalon Boulevard TSSP; 126th St to Sepulveda Bl; Traffic Signal Synchronization	\$ 3,004,000	\$ 3,004,000	Subregional Input

South Bay Cities Subregion Mobility Matrix - Preliminary Project List

South Bay Category	Project ID	Agency	Description	Project Cost Min	Project Cost Max	Source
Transportation Management Systems (Traffic Operations Centers, Traffic Signals, Emergency Management)	1114	LA County	Crenshaw Boulevard (NORTH) TSSP; Manchester Ave to Rosecrans Ave signal synchronization	\$ 4,000,000	\$ 4,000,000	Subregional Input
	107	LA County	Del Amo Bl : Avalon Bl (EAST) to Susana Road signal synchronization	\$ 1,400,000	\$ 1,400,000	L RTP Subregional Priorities
	1115	LA County	Del Amo Boulevard (WEST) TSSP; Prospect Ave to Western Ave signal synchronization	\$ 2,600,000	\$ 2,600,000	Subregional Input
	98	LA County	El Segundo Boulevard TSSP; Illinois St to Vermont Ave; Traffic Signal Synchronization	\$ 2,004,000	\$ 2,004,000	Subregional Input
	1109	LA County	Hawthorne Bl : 104th St to Imperial Hwy signal synchronization	\$ 225,000	\$ 225,000	Subregional Input
	110	LA County	Hawthorne Bl : 244th St to Palos Verdes Dr W signal synchronization	\$ 1,900,000	\$ 1,900,000	L RTP Subregional Priorities
	92	LA County	Hawthorne Bl : Imperial Hwy to Manhattan Beach Bl signal synchronization	\$ 1,357,000	\$ 1,357,000	L RTP Subregional Priorities
	3002	Various	Community Notification System	\$ 250,000		Subregional Input
	3003	Various	Arterial Messaging System	\$ 4,500,000		Subregional Input
	3004	Various	Emergency Vehicle Priority System	\$ 3,000,000		Subregional Input
	3005	El Segundo, Gardena, Hawthorne, Hermosa Beach, Manhattan Beach, Redondo Beach	Implement add emergency vehicle dynamic signing at priority at 100 intersections equipped with emergency vehicle priority equipment in the cities of Hawthorne, El Segundo, Redondo Beach, Hermosa Beach, Gardena and Manhattan Beach.	\$ 6,000,000		Subregional Input
	1106	Caltrans, Los Angeles, Hawthorne, Inglewood	I-105: From Imperial Hwy to Rte 110, Post Mile 0.0/7.264, upgrade Transportation Management System	\$ 9,000,000	\$ 14,000,000	Caltrans
	1105	Caltrans, Los Angeles	I-110: From 0.1 mile S/O Rte 47 to Rte 405, PM 0.08/9.5, Install CCTV & Communications systems	\$ 16,000,000	\$ 20,000,000	Caltrans
	181	Caltrans, Los Angeles, LA County, Inglewood	I-405/I-105: NB and SB I-405 "Add connector metering and ramp metering between I-105 and SR-90 interchanges"	\$ 8,000,000	\$ 12,000,000	L RTP Subregional Priorities
	2029	Caltrans, Los Angeles, Inglewood, Culver City	I-405: From Rte 105 to Rte 10, Postmile 21.175/29.5, Upgrade Transportation Management System	\$ 9,000,000	\$ 14,000,000	Caltrans
200	Caltrans, Metro	I-405: Expand operations of FSP Corridor-wide (yearly)	\$ 2,000,000	\$ 3,000,000	L RTP Subregional Priorities	
199	Caltrans, Metro	I-405: Expand operations of FSP throughout Segment B of I-405 Yearly	\$ 2,000,000	\$ 4,000,000	L RTP Subregional Priorities	
Transportation Management Systems (Traffic Operations Centers, Traffic Signals, Emergency Management)	1107	Caltrans, Los Angeles, Carson, Torrance, Lawndale, Redondo Beach, Hawthorne	I-405: From Alameda Street to Rte 105, Postmile 8.78/21.175, upgrade transportation management system	\$ 9,000,000	\$ 14,000,000	Caltrans
	99	LA County	Imperial Highway TSSP; Sundale Ave to Budlong Ave; Traffic Signal Synchronization	\$ 1,706,000	\$ 1,706,000	Subregional Input
	203	SBCCOG	Implement a Sub-Regional Traffic Management Center	\$ -	\$ -	Subregional Input
	93	LA County	Inglewood Av : 104th St To 111th Pl signal synchronization	\$ 700,000	\$ 700,000	L RTP Subregional Priorities
	94	LA County	La Brea Av : Centinela Av to Century Bl signal synchronization	\$ 3,150,000	\$ 3,150,000	L RTP Subregional Priorities
	1116	LA County	La Cienega Boulevard TSSP; Slauson Avenue to El Segundo Blvd signal synchronization	\$ 4,600,000	\$ 4,600,000	Subregional Input
	1066	Lawndale	Lawndale Various Citywide Traffic Signal Improvements Citywide			SBHP Budget Request
	108	LA County	Lennox Bl : Inglewood Av to Freeman Av signal synchronization	\$ 600,000	\$ 600,000	L RTP Subregional Priorities
	109	LA County	Manhattan Beach Bl : Manhattan Av to Van Ness Av signal synchronization	\$ 1,700,000	\$ 1,700,000	L RTP Subregional Priorities
	2063	Manhattan Beach	Marine Avenue at Cedar Way: Half-Signal and Reconfiguration	\$ 500,000	\$ 800,000	Local-Mobility Plan
	95	LA County	Normandie Av : 89th St to El Segundo Bl signal synchronization	\$ 1,200,000	\$ 1,200,000	L RTP Subregional Priorities
	1080	Caltrans, Torrance	PCH: Madison Ave: Signal upgrades to provide left-turn phasing			SBHP Budget Request
	1074	Hawthorne	Prairie Avenue: From 118th Street to Marine Avenue: Signal improvements on Prairie Avenue from 118th Street to Marine Avenue			SBHP Budget Request
	100	LA County	Prairie Avenue TSSP; 118th St to Redondo Beach Bl; Traffic Signal Synchronization	\$ 1,662,000	\$ 1,662,000	Subregional Input
	101	LA County	Redondo Beach Boulevard; Artesia Bl to Vermont Ave; Traffic Signal Synchronization	\$ 1,458,500	\$ 1,458,500	Subregional Input
102	LA County	Rosecrans Avenue TSSP; Highland Ave to Ocean Gate Ave; Traffic Signal Synchronization	\$ 919,000	\$ 919,000	Subregional Input	

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	103	LA County	Rosecrans Avenue TSSP; Ocean Gate Ave to Vermont Ave; Traffic Signal Synchronization	\$ 1,678,000	\$ 1,678,000	Subregional Input
	104	LA County	South Bay Arterial Operational Improvements, Signal Synchronization, Backbone network redundancy, CCTV @ 16 locations	\$ 3,620,000	\$ 3,620,000	Subregional Input
	116	Carson	StubHub Arena Event Management System	\$ 3,500,000	\$ 3,500,000	Subregional Input
	2046	LA City - San Pedro	Tsunami evacuation route. Work with the Emergency Management Department and the Fire Department to change the tsunami evacuation route from 6th Street to 7th Street, should 6th Street be closed to motorized vehicles in the future.			San Pedro Community Plan Text
	1117	LA County	Van Ness Ave TSSP; Imperial Hwy to Torrance Bl signal synchronization	\$ 2,300,000	\$ 2,300,000	Subregional Input
	106	LA County	Western Av : 104th St to 111 St signal synchronization	\$ 750,000	\$ 750,000	L RTP Subregional Priorities
	2055	LA City - Wilmington-Harbor City	Wilmington-Harbor City's signalized intersections are integrated with the City's ATSAC system			Wilmington-Harbor City Community Plan (TIMP)
Goods Movement	132		Imperial Hwy: Additional signage and improved striping	\$ -	\$ -	L RTP Subregional Priorities
	2041	LA City - San Pedro	John S. Gibson Boulevard - San Pedro Priority Street			San Pedro Community Plan Text
	133		La Brea Av : Installation of a pre-signal, additional signage and improved striping	\$ -	\$ -	L RTP Subregional Priorities
	134		La Cienega Bl : Additional signage and improved striping	\$ -	\$ -	L RTP Subregional Priorities
	129	Redondo Beach, Hawthorne	Marine Av: Additional signage and improved striping (and intersection modification)	\$ 200,000	\$ 300,000	L RTP Subregional Priorities
	2047	LA City - San Pedro	San Pedro Community Plan Efficient truck movement improvements. The plan identifies goods movement priority streets:: Gaffey Street between Channel and north Pedro border; John S. Gibson Boulevard; and Front Street and Harbor Boulevard between Pacific Avenue and 17th Street.			San Pedro Community Plan Text
	139	SBCCOG	South Bay Goods movement projects related to Port of Los Angeles and LAX	\$ -	\$ -	Subregional Input
	2080	The Port of Los Angeles	Terminal Island Improvements: Development of a new on-dock rail facility within the backland of the container terminal at Berths 226-236. This terminal currently utilizes the Terminal Island Container Transfer Facility located north of SR-47. Construct an additional grade separation on the south side of the former LAXT area in the interior portion of Terminal Island to allow efficient use of the proposed new rail yard, and to provide for continuous roadway access to areas south of the yard.			pg., 33: file:///N:/PHRD/Policy/Intern/Laura/Mobility%20Matrix/CPs/Amendment%2028.pdf
Goods Movement	130	Torrance	Torrance Bl: Adjust signal timing to relieve queuing at Torrance Bl crossing: Torrance Crenshaw Bl Adjust signal timing to relieve queuing at Torrance Bl crossing	\$ -	\$ -	L RTP Subregional Priorities
	138		Western Av: Revise warning time and gate down operations related to train switching maneuvers	\$ -	\$ -	L RTP Subregional Priorities
Grade Separation Projects	2058	LA City - Wilmington-Harbor City	Alameda St: Provide grade separated intersections along Alameda Street at Del Amo Boulevard, Carson Street, Sepulveda Boulevard and Pacific Coast Highway with full interchanges (Alameda Corridor)			Wilmington-Harbor City Community Plan (TIMP)
	125	Manhattan Beach, El Segundo, Hawthorne	Grade Crossing: Aviation & Rosecrans	\$ -	\$ -	L RTP Subregional Priorities
	141	Caltrans, SBCCOG	I-405: NB I-405 Construct grade separation at La Cienega Blvd and Manchester Blvd	\$ 62,000,000	\$ 82,000,000	Subregional Input
	1033	Inglewood	La Cienega Boulevard: La Cienega Expressway: complete gaps in La Cienega Blvd. grade separation	\$ 51,000,000		South bay Candidate List 2.26.34
	1078	El Segundo	Park Place- Nash Street to Allied Way: Park Place roadway extension and railroad grade separation project and			SBHP Budget Request
		Torrance	Plaza Del Amo Extension and Grade Separation			General Plan/Capital Budget
		Torrance	Grade Separation between rail and street at: Torrance Blvd, Carson St, Sepulveda Blvd, Western Ave			
	2083	The Port of Los Angeles	South Wilmington Grade Separation			The Port of Los Angeles

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Paratransit (Dial-a-Ride, Senior/Disabled)	2086	Torrance	Construct and operate a Regional Mobility Center to assist senior and disabled patrons.	\$ -	\$ -	Subregional Input
Metro / Municipal Transit Capacity Expansion	300	LA, Long Beach, Redondo Beach, Torrance	Add transit service connection to downtown Long Beach to South Bay Galleria	\$ -	\$ -	L RTP Subregional Priorities
	2090	Torrance	Carson Street Corridor service - Del Amo Mall to Del Amo Station	\$ 4,200,000	\$ 4,700,000	Subregional Input
		Torrance	Creation of on-street layover bays in sub-regional HUB areas (add restrooms where possible). Additional Operating funding for service expansion.			Subregional Input
	2096	Torrance	Downtown Circulator Service			Subregional Input
	2095	Torrance	Expansion and Replacement Buses	\$ 25,000,000	\$ 28,000,000	Subregional Input
	296	Metro, SBCCOG	Harbor Subdivision/Green Line Southern Extension from Redondo Beach to Long Beach Blue Line	\$ 1,590,000,000	\$ -	Subregional Input
	285	SBCCOG	High frequency South Bay Municipal operator "Rapid" lines for regional connectivity to South Bay Rail and Express Bus Stations	\$ 4,500,000	\$ 5,000,000	Subregional Input
	288	El Segundo, Hermosa Beach, Manhattan Beach, Redondo Beach	Increase Airport express bus service from LAX to South Bay	\$ -	\$ -	L RTP Subregional Priorities
	284	Torrance	Increase Express bus service on I-405	\$ -	\$ -	L RTP Subregional Priorities
	280	Downey, LA, LA Co, Lynwood, Norwalk, Paramount	Increase feeder bus service to Metro Green line and Harbor Transitway – Metro Green Line (Lines 40, 232, 439; Harbor Transitway (Lines 442, 445, 550)	\$ -	\$ -	L RTP Subregional Priorities
	286	LA, LA Co, Inglewood	Increase Metro Rapid Service To San Fernando Valley	\$ -	\$ -	L RTP Subregional Priorities
	268	SBCCOG	Municipal Transit Capital and Operations and Paratransit Services Capital and Operations unmet funding needs	\$ -	\$ -	Subregional Input
	2094	Torrance	Provide additional circulator service within Torrance boundaries to connect with RTC	\$ 3,000,000	\$ 3,500,000	Subregional Input
	2091	Torrance	Sepulveda Corridor service - Redondo Beach Pier to Willow Station	\$ 5,700,000	\$ 6,200,000	Subregional Input
	295		South Bay Metro Green Line Extension Maintenance Facility (Required for extension to I-110 or San Pedro)	\$ 212,291,755	\$ 212,291,755	Measure R Unfunded
	2089	Torrance	Torrance to Disneyland/MetroLink (Orange County) via CA-91	\$ 6,500,000	\$ 7,100,000	Subregional Input
	2092	Torrance	Torrance to Orange County MetroLink - via I-405 HOT Lane	\$ 6,500,000	\$ 7,100,000	Subregional Input
	2088	Torrance	Torrance to UCLA/West LA Job Centers via I-405	\$ 6,500,000	\$ 7,100,000	Subregional Input
2054	LA City - Wilmington-Harbor City	Transit improvements [TIMP]: Implement the South Bay Transit Restructuring Study, which will recommend public transit improvements			Wilmington-Harbor City Community Plan (TIMP)	
Metro / Municipal Transit Incremental Operational Costs from Capacity Expansion	2071	Redondo Beach: Beach Cities Transit	Annual maintenance and operations funding for RB South Bay Regional TC	\$ 500,000	\$ 500,000	Subregional Input
	306	Torrance	Annual maintenance and operations funding for RTC	\$ 750,000	\$ 750,000	Subregional Input
	2064	Manhattan Beach	Annual Summertime Beach/Downtown Circulator Bus System	\$ 200,000	\$ 300,000	Local-Mobility Plan
	2075	Redondo Beach: Beach Cities Transit	Operating funds for business districts shuttles to RB South Bay TC	\$ 3,000,000	\$ 3,000,000	Subregional Input
	283	Torrance	Operating funds for RTC to DAFC shuttle	\$ 3,000,000	\$ 3,000,000	Subregional Input
	282	Various	Reduce peak period headways on selected local and express transit at various locations to be determined	\$ -	\$ -	L RTP Subregional Priorities

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Metro / Municipal Transit Maintenance and Rehab	2097	Torrance	Bus Stop Improvements	\$ 2,000,000	\$ 2,500,000	Subregional Input
	2065	Manhattan Beach	Citywide Bus Shelters and Amenities	\$ 750,000	\$ 1,000,000	Local-Mobility Plan
		Torrance	Increase Maintenance Capacity - Add Mechanics, Paint & Body Personnel, Hardware Electronics Expert, new Maintenance Bays.			Subregional Input
	303	SBCCOG	Preventive Maintenance / Rehabilitation of Transit (Bus & Rail)	\$ -	\$ -	Subregional Input
	301	Downey, El Segundo, Hawthorne, LA, LA Co, Lynwood, Norwalk	Project Route: Green Line- Miscellaneous capital and operational improvements to existing line	\$ 100,000,000	\$ 100,000,000	L RTP Subregional Priorities
	304	Manhattan Beach	Public Transit Services Annual Operating	\$ 150,000	\$ 150,000	Subregional Input
	2073	Redondo Beach: Beach Cities Transit	Rehabilitation of Transit Maintenance and Operations Facility	\$ 15,000,000	\$ 15,000,000	Subregional Input
Transit Centers / Park and Ride	1081	Torrance	Crenshaw Blvd Torrance Transit Center Roadway Improvements - From Del Amo to Dominguez: 3 Southbound turn lanes @ Del Amo Blvd, 208th St, Transit Center Entrance, Signal Improvements at 2 and new signal @ Transit Center			SBHP Budget Request
	277	Metro	Expand Artesia Station park-and-ride facility	\$ -	\$ -	L RTP Subregional Priorities
	273	Torrance	Furniture and Equipment to complete Phase I of the Regional Park and Ride Facility (RTC)	\$ 1,500,000	\$ 1,500,000	Subregional Input
	1020	LA County, LA City - Harbor Gateway	Harbor Freeway Transitway and Transit Center (Artesia Transit Center): Expand park & ride facility.	\$ 5,000,000		South bay Candidate List 2.26.17, Harbor Gateway CPU
	275	Torrance	Pacific Coast Highway/Hawthorne Blvd Park and Ride structure	\$ -	\$ -	Subregional Input
	276	Gardena	Park and Ride facility - southwest corner of El Segundo/Vermont and southwest El Segundo/Western	\$ 6,700,000	\$ 6,700,000	Subregional Input
	1082	Torrance	PCH/Hawthorne Park and Ride			SBHP Budget Request
	274	Torrance	Phase II of the Regional Parking and Ride Facility (Parking Structure)	\$ 15,000,000	\$ 15,000,000	Subregional Input
	1054	Torrance	Torrance Regional Transit Center- 465 Crenshaw Boulevard: 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			SBHP Budget Request
	2070	Redondo Beach: Beach Cities Transit	Upgrade to Transit Center parking lot for Green Line extension	\$ 1,500,000	\$ 1,500,000	Subregional Input
	2087	Torrance	Work with LACMTA (Metro) to rehab the Torrance Transit Park and Ride Regional Terminal (RTC)	\$ -	\$ -	Subregional Input
Car Sharing / Ride sharing / Vanpool Programs	278	SBCCOG	Car and bike sharing programs	\$ -	\$ -	Subregional Input
Sustainability SB Plan (Neighborhood-Oriented Development, 1st/Last Mile)	252	SBCCOG	"First/Last-mile" connections for transit; Metro Green Line, I-110 Express Lanes station	\$ -	\$ -	Subregional Input
	253	SBCCOG	"First/Last-mile" connections for transit; Transit hubs for ease of transfers	\$ -	\$ -	Subregional Input
	254	LA County	Aviation Blvd/LAX Green Line Station: Transit Oriented District; First Mile/Last Mile Active Transportation Access Improvements	\$ 1,700,000	\$ 1,700,000	Subregional Input
	2033	LA City - San Pedro	Develop multi modal center in or near downtown San Pedro.			San Pedro Community Plan Text
	279	SBCCOG	Establish and implement "Neighborhood-Oriented Development" Program	\$ -	\$ -	Subregional Input

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Sustainability SB Plan (Neighborhood-Oriented Development, 1st/Last Mile)	255	LA County	Hawthorne/Lennox Green Line Station; Transit Oriented District; First Mile/Last Mile Active Transportation Access Improvements	\$ 2,750,000	\$ 2,750,000	Subregional Input
	256	LA County	I-110/West Carson Transit Center; Transit Oriented District; First Mile/Last Mile Active Transportation Access Improvements	\$ 5,730,000	\$ 5,730,000	Subregional Input
	1098	Redondo Beach: Beach Cities Transit	Improve access to/from Transit Center/Green Line Extension station near Artesia Blvd/Kingsdale Ave/South Bay Galleria areas	\$ 1,000,000	\$ 1,000,000	Subregional Input
	307	Torrance	Pedestrian walkway and elevators from proposed rail station to bus bay	\$ 5,000,000	\$ 5,000,000	Subregional Input
			Enhance Mobility/Sustainability Education and Incentive Program			Subregional Input
	272	SBCCOG	Sub-regional Sustainability Transportation Program	\$ -	\$ -	Subregional Input
	257	LA County	Vermont/Athens Green Line Station; Transit Oriented District; First Mile/Last Mile Active Transportation Access Improvements	\$ 6,290,000	\$ 6,290,000	Subregional Input
Vehicle Conversion (Electric Vehicle, Slow Speed Vehicle)	269	Torrance	CNG Station (Madrona Site) upgrade	\$ 1,500,000	\$ 1,500,000	Subregional Input
	2074	Redondo Beach: Beach Cities Transit	CNG Station at Transit Maintenance and Operations Facility	\$ 2,500,000	\$ 2,500,000	Subregional Input
	281	Torrance	Fleet modernization project-replacement of diesel buses with hybrid buses by the end of 2015	\$ -	\$ -	L RTP Subregional Priorities
		Torrance	Alternative Fueling Infrastructure (Program at various locations)/Electric Charging Station at City Facilities and Parks			
	270	SBCCOG	South Bay Plug-in Electric Vehicle Public Infrastructure Program	\$ -	\$ -	Subregional Input
Transportation Enhancement / Beautification Programs	1	LA County	LA County Aesthetics Beautification	\$ 8,825,000	\$ 8,825,000	Subregional Input
	2048	LA City - San Pedro	San Pedro Scenic Highways. Improvements on 25th Street between the westerly Plan area boundary and Western Avenue; Paseo Del Mar; Harbor Boulevard; and Western Avenue between 25th Street and Paseo Del Mar.			San Pedro Community Plan Text
Transportation Enhancement / Beautification Programs	2049	LA City - San Pedro	San Pedro Streetscapes. Implement a streetscape plan for 6th Street between Pacific Blvd. and Harbor Blvd. Implement streetscape plans for N. and S. Gaffey St.			San Pedro Community Plan Text
	305	Torrance	Solar lighting at RTC, Bus Shelters and stops	\$ 1,500,000	\$ 1,500,000	Subregional Input