

# South Bay Measure R Potential Candidate Project List

Preliminary Draft for Discussion: 8/19/2010

Identification		Location			Description	Status				Source
ID	Type	Facility	Limits	City/County		Lead Agency	Design	Cost Estimate	Funding	
<b>I-405 Corridor</b>										
<b>On/Adjacent to Facility</b>										
F1	Ramp	I-405	at La Cienega Blvd.	Inglewood	Widen southbound I-405 on-ramp from southbound La Cienega Blvd.	Caltrans	Concept	\$13,000,000	No Funds	Caltrans Measure R List (5/22/09)
F2	Ramp	I-405	at Manchester Blvd.	Inglewood	Widen northbound off-ramp. And close Ash Avenue.	Caltrans	Preliminary Design Complete (Caltrans)	\$20,000,000	No Funds	SBCCOG List
F3	Arterial	Manchester Boulevard	from Ash Avenue to La Cienega Boulevard	Inglewood	Channelize and raise median	Inglewood	In design	\$330,000	No Funds	City
F4	Auxiliary Lane	I-405	from Manchester Blvd. to Century Blvd.	Inglewood/ Los Angeles	Add southbound auxiliary lane	Caltrans	Concept	<i>\$31,000,000</i>	No Funds	I-405 CSMP
F5	Auxiliary Lane	I-405	from Howard Hughes Parkway to Century Boulevard	Inglewood	Add southbound auxiliary lane	Caltrans	Concept	<i>\$75,000,000</i>	No Funds	I-405 CSMP
F6	Interchange	I-405	at Arbor Vitae Avenue	Inglewood	Construct south half of Interchange	Caltrans	EIR being finalized. No Project Alternative a Potential Selection	\$62,495,000	No Funds	Caltrans Measure R List, RTIP
F7	Auxiliary Lane	I-405	Northbound: south of El Segundo Blvd. to I-105	Hawthorne	Add northbound lane	Caltrans	Concept	\$15,000,000	No Funds	I-405 CSMP
F8	Auxiliary Lane	I-405	Northbound: Hawthorne Blvd. to I-105	Hawthorne, Redondo Beach, Lawndale	Add northbound lane	Caltrans	Concept	\$210,000,000	No Funds	Caltrans Measure R List
F9	Ramp	I-405	at Rosecrans Avenue	Hawthorne	Widen northbound off-ramp	Caltrans	Concept	\$13,000,000	No Funds	SBCCOG List
F10	Ramp	I-405	at Rosecrans Avenue	Hawthorne	Widen southbound off-ramp to Rosecrans Avenue, add signal at end of ramp	Caltrans	Preliminary Design Complete	\$13,000,000	No Funds	SBCCOG List
F11	Arterial	Rosecrans Avenue	From I-405 Southbound off-ramp to Isis Avenue	Hawthorne	Widen Rosecrans Avenue to accommodate southbound off-ramp receiving lane.	Hawthorne	Design 80%, City has ROW	\$3,500,000	\$1.4 million from HSIP	City
F12	Auxiliary lane	I-405	Northbound: Inglewood Avenue to Rosecrans Avenue	Hawthorne/ Redondo Beach/ Lawndale	Add northbound auxiliary lane	Caltrans	Concept	\$51,000,000	No Funds	I-405 CSMP
F13	Auxiliary lane	I-405	Southbound: Rosecrans Avenue to Inglewood Avenue	Hawthorne/Redondo Beach	Add southbound auxiliary lane	Caltrans	Concept	<i>\$50,000,000</i>	No Funds	I-405 CSMP
F14	Ramp	I-405	at Inglewood Avenue	Redondo Beach, Lawndale	Widen northbound loop on-ramp, widen southbound on-ramp and create right-turn only lane in existing Caltrans ROW. Install a new southbound right-turn only lane on Inglewood Avenue to the southbound 405 on-ramp and off-ramp	Caltrans	Concept	\$13,000,000	No Funds	SBCCOG List
F15	Ramp	I-405	at Inglewood Avenue	Redondo Beach	Widen southbound on-ramp from southbound Inglewood Avenue including a designated right-turn lane within existing ROW	Caltrans	Concept complete, needs PSR		No Funds	Caltrans
F16	Auxiliary lane	I-405	Northbound: Hawthorne Boulevard to Inglewood Avenue	Lawndale	Add northbound auxiliary lane	Caltrans	Concept	\$52,000,000	No Funds	I-405 CSMP
F17	Ramp	I-405	at Hawthorne Boulevard	Lawndale	New southbound Hawthorne Blvd. to northbound I-405 and upgrade signalization at northbound and southbound ramps	Caltrans	Concept	<i>\$13,000,000</i>	No Funds	I-405 CSMP
F18	Auxiliary lane	I-405	Northbound: Redondo Beach Boulevard to Hawthorne Boulevard	Lawndale	Add northbound auxiliary lane	Caltrans	Concept	\$31,000,000	No Funds	I-405 CSMP
F19	Ramp	I-405	at Artesia Boulevard	Torrance	Add third lane to northbound on-ramp from westbound Artesia Boulevard	Caltrans	Concept	\$13,000,000	No Funds	I-405 CSMP

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F20	Ramp	I-405	at Crenshaw/182nd Street	Torrance	Widen northbound off-ramp to 182nd Street, modify signal at terminus	Caltrans	Draft PSR	\$13,000,000	No Funds	I-405 CSMP
F21	Ramp	I-405	at 182nd Street	Torrance	Widen northbound on-ramp to two lanes, modify signal	Caltrans	Draft PSR	\$3,500,000	No Funds	I-405 CSMP
F22	Intersection	Crenshaw Boulevard	at 182nd Street	Torrance	Widen 182nd Street to provide two designated westbound left-turn lanes, two westbound through lanes and a new eastbound through-right lane, reconstruct pavement from Redondo Beach Boulevard to 182nd Street along Crenshaw Boulevard and from Prairie Avenue to Western Avenue on 182nd Street	Torrance	Concept	\$5,000,000	No Funds	City
F23	Ramp	I-405	at Crenshaw Boulevard	Torrance	New southbound on-ramp from northbound Crenshaw.	Caltrans	Draft PSR	\$13,000,000	No Funds	I-405 CSMP
F24	Ramp	I-405	at 190th Street	Torrance	Widen southbound on-ramp at 190th Street.	Caltrans	Concept	\$13,000,000	No Funds	SBCCOG List
F25	Auxiliary lane	I-405	Northbound: Normandie Avenue to Western Avenue	Torrance	Add northbound auxiliary lane to the Western Ave off-ramp	Caltrans	Concept	\$15,000,000	No Funds	I-405 CSMP
F26	Interchange	I-405	at I-110	Los Angeles	Widen from 3 to 4 lanes through interchange.	Caltrans	Concept	\$120,000,000	No Funds	Caltrans Measure R List
F27	Ramp	I-405	at Avalon Boulevard	Carson	Interchange improvements	Caltrans	Advertised for Construction	\$29,120,000	Fed: \$5.5m, Metro \$9.46m, Prop C \$6.77m	SBCCOG List, SCAG RTIP
F28	Ramp	I-405	at Wilmington Avenue	Carson	Widen Wilmington Avenue from 223rd Street, including I-405 ramp modification.	Caltrans	Received \$4M in Metro 07 Call, In design	\$29,000,000	Fed: \$4m, City \$10.8m, Prop C \$11.3m	SBCCOG List, SCAG RTIP
F29	ITS	I-405 & Various	Rosecrans to Carson on I-405 and Parallel Arterials	Carson, LA, Torrance, Lawndale Redondo Beach, Hawthorne	I-405 Congestion Relief Corridor: Ramp and Arterial ITS Integration Freeway/Arterial/Interchange Corridor System Management-- CMS, CCTV, etc.	SBCCOG	Concept	\$8,000,000	No Funding	Iteris Team
<b>Generally within One-Mile of Facility</b>										
N1	Intersection	La Cienega Boulevard	at Manchester Blvd.	Inglewood	Improve turn radii	Inglewood	Concept	\$1,200,000	No Funds	SBCCOG List
N2	Intersection	La Cienega Boulevard	at Florence Avenue	Inglewood	Improve turn radii and through-right lane	Inglewood	Concept	\$600,000	No Funds	SBCCOG List
N3	Arterial	La Cienega Boulevard	from I-405 to I-10	Inglewood	La Cienega Expressway: complete gaps in La Cienega Blvd. grade separation	Inglewood	Concept	\$62,000,000	No Funds	City Study, La Cienega SCAG Study
N4	ITS	La Cienega Boulevard		Inglewood	Traffic Signal Synchronization Program: Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,	County		\$2,000,000	No funds	SBCCOG List
N5	ITS	Manchester Boulevard	from Aviation Boulevard to Van Ness Avenue	Inglewood	LA County ITS Project: Manchester Boulevard	County				City
N6	ITS			Inglewood	4th Phase of Citywide ITS Master Plan	Inglewood	4th Phase			SBCCOG List
N7	Arterial	Florence Avenue	From West Boulevard to Centinela Avenue	Inglewood	Reconfiguration of 1.2 mile segment of Florence Ave. including new Florence Ave/Redondo Blvd intersection to improve future Crenshaw LRT crossing	Inglewood	Preliminary Design, approved MOU next year (8/10)	\$4,091,404	Metro CFP: \$2.05m Local Match: \$2.04m	SBCCOG List
N8	Arterial	La Brea Avenue	at La Brea Drive/ Market Street/ Spruce	Inglewood	Reconfigure from six-leg intersection to T-intersection, eliminate dog-leg on La Brea Avenue, replace with S curve alignment.	Inglewood	Preliminary Plan, 2007 MOU	\$9,970,000	Demo SAFTEA-LU: \$2.64m Prop C: \$528k	2008 LRTP (Draft) LA Metro

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N9	ITS	El Segundo Boulevard	El Segundo	El Segundo	Traffic Signal Synchronization Program: Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements.	County		\$1,000,000	No funding	SBCCOG List
N10	Arterial	Aviation Boulevard	from Arbor Vitae to Manhattan Beach Boulevard	County	Widen roadway	County	Preliminary Design	\$61,800,000	Demo pre-ISTEA: \$4.28m Local: \$9.7m	SBCCOG List, 2008 RTIP
N11	Arterial	Aviation Boulevard	from Imperial Highway to Hawaii Street	El Segundo	Widen Aviation Boulevard	El Segundo	Preliminary Design	\$6,310,000	No Funds	SBCCOG List
N12	Intersection	Aviation Boulevard	at El Segundo Boulevard	El Segundo	Add dual southbound left-turn lanes	El Segundo	Preliminary Design	\$400,000	No Funds	SBCCOG List
N13	Intersection	Aviation Boulevard	at Marine Avenue	Manhattan Beach	Add dual southbound left-turn lanes	Manhattan Beach	Preliminary Design	\$400,000	No Funds	SBCCOG List
N14	Intersection	Aviation Boulevard	at Marine Avenue	Hawthorne	Construct westbound right-turn lane	Hawthorne	Concept, ROW required	\$412,000	No Funds	City
N15	Arterial	Inglewood Avenue	from El Segundo Blvd. to Imperial Highway	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	Hawthorne	Concept	\$2,000,000	No Funds	City
N16	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct southbound and northbound right-turn lanes	Redondo Beach	Preliminary Design Complete, City has approval to take ROW	\$955,373	No funds from 09 CFP	SBCCOG List
N17	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct eastbound right-turn lane	Redondo Beach	Concept	\$22,000	No Funds	Circulation Element Update
N18	Arterial	Inglewood Avenue	Southbound I-405 ramps to Manhattan Beach Boulevard	Redondo Beach	Widen southbound off-ramp and add right-turn at Inglewood Avenue	Redondo Beach	Preliminary Design Complete, starting ROW	\$5,175,000	No Funds	SBCCOG List
N19	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Install eastbound right-turn arrow	Redondo Beach	Concept	\$30,000	No Funds	City
N20	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Lawndale	Inglewood Corridor Capacity Enhancing Project Phase 1: Improve westbound right-turn	Lawndale	Caltrans approval to proceed with design services- City interviewing firms 8/19	\$3,200,000	\$2.6m in federal funds, \$650k in Prop C	SBCCOG List
N21	Arterial	Inglewood Avenue	from Manhattan Beach Boulevard to Condon Avenue	Lawndale	Inglewood Corridor Capacity Enhancing Project Phase 2: Widen northbound Inglewood Avenue	Lawndale	Interviewing PS&E Consultants (8/10)	\$1,300,000	\$1.019m from 09 CFP	SBCCOG List
N22	Arterial	Inglewood Avenue	from Condon Avenue to I-405 southbound on-ramp	Lawndale	Extension of Phase 2 widening to I-405 southbound ramp	Lawndale	Concept		No Funds	City
N23	Arterial	Inglewood Avenue	Rosecrans Avenue to Marine Avenue	Lawndale/Hawthorne	Inglewood Corridor Capacity Enhancing Project: Phase 3: widening and adding SB lane from north city limit	Lawndale	Unresolved ROW issue in Hawthorne stalling project	\$3,168,000	\$1.9m 09 CFP	SBCCOG List
N24	Arterial	Rosecrans Avenue	from Inglewood Avenue to Prairie Avenue	Lawndale	Traffic signal improvements, left-turn improvements. Pavement rehabilitation and various concrete improvements.	Lawndale	Concept	\$2,400,000	No Funds	SBCCOG List
N25	ITS			Lawndale	Traffic Signal Improvements Citywide	Lawndale		\$2,700,000	No Funds	SBCCOG List
N26	Arterial	Hawthorne Boulevard	El Segundo Boulevard to Rosecrans Avenue	Hawthorne	Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.	Hawthorne	Concept	\$7,000,000	Metro: \$2.9m	SBCCOG List

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ID	Type	Facility	Limits	City/County		Lead Agency	Design	Cost Estimate	Funding	
N27	Intersection	190th Street	at Prairie Avenue	Torrance	Add dual northbound right-turn lanes and restripe for three westbound through lanes	Torrance	Concept	\$400,000	No Funds	SBCCOG List
N28	Intersection	190th Street	at Van Ness Avenue	Torrance	Widen signalized intersection and restripe to add three through lanes for westbound and eastbound and prohibit on-street parking and upgrade traffic signal	Torrance	Concept	\$400,000	No Funds	SBCCOG List
N29	Intersection	190th Street	at Crenshaw Boulevard	Torrance	Reconstruct intersection (remove median and restripe) - Add one northbound left-turn lane	Torrance	Concept	\$400,000	No Funds	SBCCOG List
N30	Arterial	Del Amo Boulevard	from Madrona Avenue to Crenshaw Boulevard	Torrance	Construct new segment	Los Angeles	Advertised for Construction	\$19,200,000	SAFTEA-LU: \$7m, ARRA \$3m, Local \$6m	2008-2009 SCAG RTIP (Proj ID LA000389)
N31	Arterial	Del Amo Boulevard	from Denker Avenue to Normandie Avenue	Los Angeles	Construct new segment	Caltrans	Preliminary Design Complete	\$6,800,000	No Funds	SBCCOG List
N32	Arterial	Del Amo Boulevard	from Normandie Boulevard to Vermont Avenue	County	Reconstruct and widen from one lane in each direction to two lanes in each direction	County	Preliminary Design Complete	\$29,920,250	\$10.3m in SAFTEA-Lu and Local Funds	SBCCOG List
N33	Intersection	Sepulveda Boulevard	at Wilmington Avenue	Carson	Improvements to the intersection of Wilmington Ave. and Sepulveda Blvd.	Carson	Preliminary Design Complete	\$500,000	No Funds	City
N34	Arterial	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Carson	Widen from two to four lanes	Carson	Programmed for 2011	\$6,000,000	Fed: \$1.2m, Metro: \$3.6m, City: \$660k	SBCCOG List, 2008 RTIP
N35	ITS	Various	Various	Torrance	Implement ITS components at locations not covered by '95 Metro CFP South Bay Signal Synch Project, to provide effective citywide and multi-jurisdictional traffic management	Torrance	Metro 09 CFP	\$1,363,351		SBCCOG List
N36	ITS			County	Design & construction of multijurisdictional traffic signal synchronization, intersection operational improvements, and intelligent transportation system components on regional arterials.	County	Partially Funded by Metro.		\$1.92M Shortfall	SBCCOG List
N37	ITS			SB Cities, County	19.6 miles of Fiber Optic Infrastructure & 129 CCTV cameras	County		\$10,000,000	No Funding	SBCCOG List
<b>I-105 Corridor</b>										
<b>On/Adjacent to Facility</b>										
F30	Ramp	I-105	at Sepulveda Boulevard or Nash Street	El Segundo, Los Angeles	Study report for Interchange improvements at LAX Airport (E/P, PS/E only)	Caltrans	Funds for PSR	\$400,000	SAFTEA-LU: \$320k, Metro: \$80k	Draft 2011 FTIP
F31	Auxiliary lane	I-105	Westbound: Crenshaw on-ramp to Crenshaw off-ramp	Hawthorne	Add WB auxiliary lane Crenshaw on to Crenshaw off.	Caltrans	Concept	\$13,000,000	No funding	I-405 CSMP
F32	Auxiliary lane	I-105	Westbound from I-405 to Prairie Avenue	Hawthorne	Add WB auxiliary lane	Caltrans	Concept		No funding	I-405 CSMP
F33	Auxiliary lane	I-105	Eastbound from Yukon to Crenshaw	Hawthorne	Add EB auxiliary lane.	Caltrans	Concept	\$29,000,000	No funding	I-405 CSMP
F34	Interchange	I-105	at I-405	Hawthorne	Add HOV connector from westbound I-105 to southbound I-405	Caltrans	Concept	\$100,000,000	No funding	Caltrans Measure R List
F35	Interchange	I-105	at I-405	Hawthorne	Add HOV connector from westbound I-105 to northbound I-405	Caltrans	Concept	\$100,000,000	No funding	Caltrans Measure R List
<b>Generally within One-Mile of Facility</b>										
N38	Arterial	LAX area		Los Angeles, El Segundo	Projects within and near Los Angeles International Airport to eliminate traffic bottlenecks (ISTEA Demo funds)	Metro	Concept		ISTEA: \$2.48m, Metro: \$2.59m	Draft 2011 FTIP

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N39	Arterial	Century Boulevard	I-405 to Van Ness	Inglewood	Construct raised median with turn pockets and additional turn lanes at major intersections	Inglewood	Design and EIR starting (8/10), PSRE	\$8,600,000	Metro 09 CFP: \$3.22 Local: \$5.37m	SBCCOG List
N40	Arterial	El Segundo Blvd.	from Prairie Avenue to Crenshaw Boulevard	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	Hawthorne	Concept	\$3,000,000	No funds	City
N41	Arterial	120th Street	from Prairie Avenue to Inglewood Avenue	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	Hawthorne	Concept	\$2,000,000	No funds	City
N42	Arterial	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Gardena	Install median, left turn pockets, intersection upgrade.	Gardena	Concept	\$3,000,000	No funds	SBCCOG List
<b>I-110 Corridor</b>										
<b>On/Adjacent to Facility</b>										
F36	Ramp	I-110	at SR-91 Interchange	County	Add new HOV connectors for northbound and southbound I-110 to eastbound SR-91 and from westbound SR-91 to northbound I-110	Caltrans	Concept	<i>\$100,000,000</i>	No funds	Caltrans Measure R List
F37	Ramp	I-110	at Pacific Coast Highway	County	Widen southbound off-ramp	Caltrans	Concept	<i>\$15,000,000</i>	No funds	Caltrans Measure R List
F38	Auxiliary lane	I-110	Southbound: I-405 to Del Amo Boulevard Undercrossing	County	Widened southbound from three to four lanes	County, Caltrans	Concept	<i>\$50,000,000</i>	No funds	Iteris Team
<b>Generally within One-Mile of Facility</b>										
N43	Arterial	Torrance Boulevard	at I-110 undercrossing	County	Widen undercrossing	County	Concept	\$27,000,000	No funds	SBCCOG List
N44	Arterial	Sepulveda Boulevard	from Avalon Boulevard to Main Street	Carson	Landscape median, street lights, pavement restoration and signal upgrade	Carson	Concept	<i>\$2,000,000</i>	No funds	City
N45	ITS	Avalon Boulevard		County	Traffic Signal Synchronization Program: Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,	County		\$2,300,000	No funds	SBCCOG List
<b>SR-1 Corridor</b>										
<b>On/Adjacent to Facility</b>										
F39	Arterial	Sepulveda Boulevard	from Imperial Highway to El Segundo Boulevard	El Segundo	Implement PCH Study Recommendations (8)	El Segundo, Caltrans	Concept	<i>\$2,000,000</i>	Not funded	PCH Study (2009)
F40	Arterial	Sepulveda Boulevard	from El Segundo Boulevard to Artesia Boulevard	Manhattan Beach	Implement PCH Study Recommendations (10)	Manhattan Beach, Caltrans	Concept	<i>\$2,500,000</i>	Not funded	PCH Study (2009)
F41	Arterial	Sepulveda Boulevard	from 33rd Street to south of Rosecrans Avenue	Manhattan Beach	Add one northbound lane by widening bridge no. 53-62	Manhattan Beach	City advertised for conceptual design 8/10, 2013/2014 construction	\$17,300,000	Metro 09 CFP: \$6.8m SAFTEA-LU Demo: \$1.4m	SBCCOG List
F42	Intersection	Sepulveda Boulevard	at Marine Avenue	Manhattan Beach	Add westbound dual left turns	Manhattan Beach	Design and Caltrans Permit complete, City has ROW	\$500,000	No Funding	City
F43	Intersection	Sepulveda Boulevard	at Manhattan Beach Boulevard	Manhattan Beach	Add northbound, westbound and eastbound dual left turn lanes	Manhattan Beach	Conceptual design and traffic analysis complete	\$980,000	Not funded	SBCCOG List
F44	Intersection	Pacific Coast Highway	at Aviation Boulevard	Hermosa Beach	Add southbound dual left turn lanes	Hermosa Beach	Concept	<i>\$400,000</i>	Not funded	SBCCOG List

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F45	Arterial	Pacific Coast Highway	from Artesia Boulevard to Anita Street	Hermosa Beach	Implement PCH Study Recommendations	Hermosa Beach, Caltrans	Concept	\$500,000	Not funded	PCH Study (2009)
F46	Arterial	Pacific Coast Highway	from Anita Street to Palos Verdes Boulevard	Redondo Beach	Implement PCH Study Recommendations (11)	Redondo Beach, Caltrans	Concept	\$2,750,000	Not funded	PCH Study (2009)
F47	Intersection	Pacific Coast Highway	at Torrance Boulevard	Redondo Beach	Add northbound right-turn lane	Redondo Beach	Concept	\$585,000	Not funded	City
F48	Intersection	Pacific Coast Highway	at Palos Verdes Boulevard	Redondo Beach	Install westbound right-turn lane	Redondo Beach	Concept	\$320,000	Not funded	City
F49	Arterial	Pacific Coast Highway	from Palos Verdes Boulevard to Crenshaw Boulevard	Torrance	Implement PCH Study Recommendations (8)	Torrance, Caltrans	Concept	\$2,000,000	Not funded	PCH Study (2009)
F50	Intersection	Pacific Coast Highway	at Vista Montana/Anza Avenue	Torrance	Restripe to add southbound through lane & signal modification for protected northbound/southbound left turn phasing. Modify striping to accommodate a longer northbound left-turn lane	Caltrans	Preliminary Design Complete	\$1,900,000	Not funded	SBCCOG List
F51	Intersection	Pacific Coast Highway	at Hawthorne Boulevard	Torrance	Add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades	Torrance, Caltrans	Preliminary Design Complete; PSR complete (2002)	\$18,000,000	Not funded	City Traffic Study
F52	Intersection	Pacific Coast Highway	at Crenshaw Boulevard	Torrance	Add a second southbound left-turn lane, add northbound right-turn overlap phase.	Torrance	Preliminary Design Complete, ROW required	\$2,645,736	Not funded	City Traffic Study
F53	Intersection	Pacific Coast Highway	at Walnut	Lomita	Improve receiving lane of northern leg of intersection	Lomita	Concept	\$400,000	Not funded	City
FN 1	Arterial	Pacific Coast Highway and Parallel Arterials	From Imperial Highway to Artesia Boulevard	El Segundo, Manhattan Beach LA County	PCH North Corridor-- El Segundo Area ATMS. Improve traffic operations and implement ITS Elements	El Segundo	Concept	\$7,000,000	Not funded	Iteris Team
FN 2	Arterial	Pacific Coast Highway	Torrance City Limits Palos Verde Blvd to Crenshaw	Torrance	PCH South Corridor-- Torrance Area ATMS. Improve traffic operations and implement ITS Elements	Torrance	Concept	\$3,000,000	Not funded	Iteris Team
<b>Generally within One-Mile of Facility</b>										
N46	Arterial	Vista Del Mar	north of southern City Limit	El Segundo	Roadway safety improvements: realign S-Curve	El Segundo	Concept	\$1,500,000	Received \$500k in SAFETEA-LU	SBCCOG List
N47	Intersection	Maple Avenue	at Sepulveda Boulevard	Torrance	Add southbound right-turn pocket	Torrance	Concept	\$400,000	No funding	SBCCOG List
<b>SR-107 Corridor / SR-213 Corridor</b>										
<b>On/Adjacent to Facility</b>										
F54	ITS	Hawthorne Boulevard			LA County ITS Project: Hawthorne Boulevard	County				SBCCOG List
F55	Intersection	Western Avenue	at Sepulveda Boulevard	Torrance	Add northbound left-turn lane; widen and restripe for dual eastbound left-turn lanes and westbound right-turn lanes, modify signals.	Torrance	Preliminary Design Complete	\$1,900,000	No funding	2008 LRTP (Draft) LA Metro, Citywide Traffic Study
F56	Intersection	Western Avenue	at Palos Verdes Drive North	Lomita/Los Angeles	Intersection improvements	Lomita	Concept	\$400,000	Not funded	City
<b>Generally within One-Mile of Facility</b>										
N48	Intersection	Crenshaw Boulevard	at Sepulveda Boulevard	Torrance	Add dual northbound right-turn lanes, one eastbound right-turn lane and one eastbound through-lane	Torrance	Concept	\$400,000	No funding	SBCCOG List

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N49	Intersection	Crenshaw Boulevard	at Lomita Boulevard	Lomita/Torrance	On Crenshaw Boulevard add dual northbound right-turn lanes and one southbound through lane. On Lomita Boulevard add one westbound right turn lane and one westbound through lane	Torrance	Concept	\$400,000	No funding	SBCCOG List, Torrance Citywide Traffic Study
N50	Intersection	Crenshaw Boulevard	at Carson Street	Torrance	Add fourth northbound through lane	Torrance	Concept	\$400,000	No funding	SBCCOG List
N51	Intersection	Crenshaw Boulevard	at Torrance Boulevard	Torrance	Provided dedicated southbound right-turn lane.	Torrance	ROW needed	\$400,000	No funding	SBCCOG List, Torrance Citywide Traffic Study
N52	ITS				LA County ITS Project: Crenshaw Boulevard	County				
<b>SR-91 Corridor</b>										
<b>On/Adjacent to Facility</b>										
F57	ITS	Artesia Boulevard			LA County ITS Project: Artesia Boulevard	County				SBCCOG List
<b>Generally within One-Mile of Facility</b>										
N53	Intersection	Artesia Boulevard	at Western Avenue	Gardena, Torrance	Add westbound dual left turns	Gardena	Concept	\$400,000	No funding	City
N54	Intersection	Del Amo Boulevard	at Santa Fe Avenue	Carson	Intersection improvements	Carson	Preliminary Design Complete	\$500,000	No funding	SBCCOG List
<b>Park and Ride</b>										
P1	Park and Ride	Carson Regional Transit Center	Northwest corner of the South Bay Pavilion Mall parking lot	Carson	Construct Regional Transit Center on Del Amo Blvd	Carson	Land not dedicated by South Bay Pavilion	\$5,500,000	\$5.5K Prop. C	SBCCOG List
P2	Park and Ride	Artesia Transit Center	Artesia Transit Center	Los Angeles	Expand park & ride facility.	Caltrans		\$5,000,000		SBCCOG List
P3	Park and Ride	Redondo Beach Regional Transit Center	Near South Bay Galleria	Redondo Beach	Construct a regional Transit Center including a 14 bus berth transit center building, a kiss-n-ride passenger drop-off, a park-and-ride vehicle lot for 282 vehicles and a police annex	Redondo Beach	Design Complete	\$6,595,778	Fully funded	SBCCOG List
P4	Park and Ride	Torrance Regional Transit Center	465 Crenshaw Boulevard	Torrance	Regional Transit Center	Torrance	Related to Green Line Extension	\$16,000,000	\$13m from draft 2011 TIP (LA0G358)	SBCCOG List

Notes:

Red numbers indicate project cost estimates by Iteris Team (8/16/10)

Estimated Total Program Cost **\$1,738,938,892**