

# DRAFT South Bay Measure R Eligible Candidate Project List

Draft for Discussion: 9/17/2010

Identification		Location			Description	Status				
ID	Type	Facility	Limits	City/County		Lead Agency	Cost Estimate	Funding	Committed Funds	Shortfall
<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	\$13,000,000	No Funds	\$0	\$13,000,000
F2	Ramp	I-405	at Manchester Blvd.	Inglewood	Widen northbound off-ramp. And close Ash Avenue.	Caltrans	\$20,000,000	No Funds	\$0	\$20,000,000
F4	Auxiliary Lane	I-405	from Manchester Blvd. to Century Blvd.	Inglewood/ Los Angeles	Add southbound auxiliary lane	Caltrans	\$31,000,000	No Funds	\$0	\$31,000,000
F5	Auxiliary Lane	I-405	from Howard Hughes Parkway to Century Boulevard	Inglewood	Add southbound auxiliary lane	Caltrans	\$75,000,000	No Funds	\$0	\$75,000,000
F7	Auxiliary Lane	I-405	Northbound: south of El Segundo Blvd. to I-105	Hawthorne	Add northbound lane	Caltrans	\$15,000,000	No Funds	\$0	\$15,000,000
F8	Auxiliary Lane	I-405	Northbound: Hawthorne Blvd. to I-105	Hawthorne, Redondo Beach, Lawndale	Add northbound lane	Caltrans	\$210,000,000	No Funds	\$0	\$210,000,000
F9	Ramp	I-405	at Rosecrans Avenue	Hawthorne	Widen northbound off-ramp	Caltrans	\$13,000,000	No Funds	\$0	\$13,000,000
F10	Ramp	I-405	at Rosecrans Avenue	Hawthorne	Widen southbound off-ramp to Rosecrans Avenue, add signal at end of ramp	Caltrans	\$13,000,000	No Funds	\$0	\$13,000,000
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	\$3,500,000	\$1.4 million from HSIP	\$1,400,000	\$2,100,000
F12	Auxiliary lane	I-405	Northbound: Inglewood Avenue to Rosecrans Avenue	Hawthorne/ Redondo Beach' Lawndale	Add northbound auxiliary lane	Caltrans	\$51,000,000	No Funds	\$0	\$51,000,000
F13	Auxiliary lane	I-405	Southbound: Rosecrans Avenue to Inglewood Avenue	Hawthorne/Redondo Beach	Add southbound auxiliary lane	Caltrans	\$50,000,000	No Funds	\$0	\$50,000,000
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	\$13,000,000	No Funds	\$0	\$13,000,000
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	\$10,000,000	No Funds	\$0	\$10,000,000
F16	Auxiliary lane	I-405	Northbound: Hawthorne Boulevard to Inglewood Avenue	Lawndale	Add northbound auxiliary lane	Caltrans	\$52,000,000	No Funds	\$0	\$52,000,000
F17	Ramp	I-405	at Hawthorne Boulevard	Lawndale	New southbound Hawthorne Blvd. to northbound I-405 ramp and upgrade signalization at northbound and southbound ramps	Caltrans	\$13,000,000	No Funds	\$0	\$13,000,000
F18	Auxiliary lane	I-405	Northbound: Redondo Beach Boulevard to Hawthorne Boulevard	Lawndale	Add northbound auxiliary lane	Caltrans	\$31,000,000	No Funds	\$0	\$31,000,000
F19	Ramp	I-405	at Artesia Boulevard	Torrance	Add third lane to northbound on-ramp from westbound Artesia Boulevard	Caltrans	\$13,000,000	No Funds	\$0	\$13,000,000
F20	Ramp	I-405	at Crenshaw/182nd Street	Torrance	Widen northbound off-ramp to 182nd Street, modify signal at terminus	Caltrans	\$13,000,000	No Funds	\$0	\$13,000,000
F21	Ramp	I-405	at 182nd Street	Torrance	Widen northbound on-ramp to two lanes, modify signal	Caltrans	\$3,500,000	No Funds	\$0	\$3,500,000
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	\$17,500,000	No Funds	\$0	\$17,500,000
F23	Ramp	I-405	at Crenshaw Boulevard	Torrance	New southbound on-ramp from northbound Crenshaw.	Caltrans	\$13,000,000	No Funds	\$0	\$13,000,000
F24	Ramp	I-405	at 190th Street	Torrance	Widen southbound on-ramp at 190th Street.	Caltrans	\$13,000,000	No Funds	\$0	\$13,000,000
F25	Auxiliary lane	I-405	Northbound: Normandie Avenue to Western Avenue	Torrance	Add northbound auxiliary lane to the Western Ave off ramp	Caltrans	\$15,000,000	No Funds	\$0	\$15,000,000
F26	Interchange	I-405	at I-110	Los Angeles	Widen from 3 to 4 lanes through interchange.	Caltrans	\$120,000,000	No Funds	\$0	\$120,000,000
F27	Ramp	I-405	at Avalon Boulevard	Carson	Interchange improvements	Caltrans	\$19,300,000	Fed: \$5.5m, Metro: \$4.5m, City: \$5m	\$14,616,300	\$4,683,700
F28	Ramp	I-405	at Wilmington Avenue	Carson	Widen Wilmington Avenue from 223rd Street, including I-405 ramp modification.	Caltrans	\$29,000,000	Fed: \$4m, Metro: \$11.3m, City \$8.8m	\$24,100,000	\$4,900,000
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	\$8,000,000	No Funding	\$0	\$8,000,000
<b>Generally within One-Mile of Facility</b>										
N1	Intersection	La Cienega Boulevard	at Manchester Blvd.	Inglewood	Improve turn radii	Inglewood	\$1,200,000	No Funds	\$0	\$1,200,000

# DRAFT South Bay Measure R Eligible Candidate Project List

Draft for Discussion: 9/17/2010

Identification		Location			Description	Status				
ID	Type	Facility	Limits	City/County		Lead Agency	Cost Estimate	Funding	Committed Funds	Shortfall
N2	Intersection	La Cienega Boulevard	at Florence Avenue	Inglewood	Improve turn radii and through-right lane	Inglewood	\$600,000	No Funds	\$0	\$600,000
N3	Arterial	La Cienega Boulevard	from I-405 to I-10	Inglewood	La Cienega Expressway: complete gaps in La Cienega Blvd. grade separation	Inglewood	\$62,000,000	No Funds	\$0	\$62,000,000
F3	Arterial	Manchester Boulevard	from Ash Avenue to La Cienega Boulevard	Inglewood	Channelize and raise median	Inglewood	\$330,000	No Funds	\$0	\$330,000
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	\$0	\$2,000,000
N5	ITS	Manchester Boulevard	from Aviation Boulevard to Van Ness Avenue	Inglewood	LA County ITS Project: Manchester Boulevard	County	\$2,000,000	No funds	\$0	\$2,000,000
N6	ITS	Various	Various	Inglewood	4th Phase of Citywide ITS Master Plan	Inglewood	\$2,000,000	No funds	\$0	\$2,000,000
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	\$4,091,404	Metro CFP: \$2.05m Local Match: \$2.04m	\$4,091,404	\$0
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	\$9,970,000	Demo SAFTEA-LU: \$2.64m Prop C: \$528k	\$3,168,000	\$6,802,000
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	\$2,664,500	No funding	\$2,470,000	\$194,500
N55	Arterial	Park Place	Nash Street to Allied Way	El Segundo	Park Place roadway extension and railroad grade separation project	El Segundo	\$37,000,000	\$735K from FHWA	\$735,000	\$36,265,000
N10	Arterial	Aviation Boulevard	from Arbor Vitae to Manhattan Beach Boulevard	County, Los Angeles, El Segundo, Hawthorne	Widen roadway	County	\$61,800,000	Demo pre-ISTEA: \$4.28m Local: \$9.7m	\$13,980,000	\$47,820,000
N11	Arterial	Aviation Boulevard	from Imperial Highway to Hawaii Street	El Segundo	Widen Aviation Boulevard	El Segundo	\$6,310,000	No Funds	\$0	\$6,310,000
N12	Intersection	Aviation Boulevard	at El Segundo Boulevard	El Segundo	Add dual southbound left-turn lanes	El Segundo	\$400,000	No Funds	\$0	\$400,000
N13	Intersection	Aviation Boulevard	at Marine Avenue	Manhattan Beach	Add dual southbound left-turn lanes	Manhattan Beach	\$400,000	No Funds	\$0	\$400,000
N14	Intersection	Aviation Boulevard	at Marine Avenue	Hawthorne	Construct westbound right-turn lane	Hawthorne	\$412,000	No Funds	\$0	\$412,000
N56	ITS	Aviation Boulevard	from 118th Street to Prospect Avenue	County, El Segundo, Manhattan Beach, Redondo Beach, Hermosa Beach	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening at approximately 14 locations	County	\$1,844,000	CFP 07: \$1.8m	\$1,844,000	\$0
N15	Arterial	Inglewood Avenue	from El Segundo Blvd. to Imperial Highway	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	Hawthorne	\$2,000,000	No Funds	\$0	\$2,000,000
N16	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach, Manhattan Beach	Construct southbound and northbound right-turn lanes	Redondo Beach, Manhattan Beach	\$955,373	No funds from 09 CFP	\$0	\$955,373
N57	Intersection	Aviation Boulevard	at Artesia Boulevard	Manhattan Beach	Construct southbound right-turn lane	Manhattan Beach	\$400,000	No Funds	\$0	\$400,000
N58	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct northbound right-turn lane	Redondo Beach	\$847,000	No Funds	\$0	\$847,000
N17	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct eastbound right-turn lane	Redondo Beach	\$22,000	No Funds	\$0	\$22,000
N18	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Add southbound right-turn lane south of railroad tracks	Redondo Beach	\$5,175,000	No Funds	\$0	\$5,175,000
N19	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Install eastbound right-turn arrow	Redondo Beach	\$30,000	No Funds	\$0	\$30,000
N20	Intersection	Inglewood Avenue	at Marine Avenue	Lawndale	Inglewood Corridor Capacity Enhancing Project Phase 1: Signal improvements and dedicated right turn lanes on three corners	Lawndale	\$3,200,000	\$2.6m in federal funds, \$650k in Prop C	\$2.6m in federal funds, \$650k in Prop C	\$0
N21	Arterial	Inglewood Avenue	from Manhattan Beach Boulevard to 156th Street	Lawndale	Inglewood Corridor Capacity Enhancing Project Phase 2: Widen northbound Inglewood Avenue	Lawndale	\$1,300,000	\$1.019m from 09 CFP	\$1,000,000	\$300,000
N22	Arterial	Inglewood Avenue	from 156th Street to I-405 southbound on-ramp	Lawndale	Extension of Phase 2 widening to I-405 southbound ramp	Lawndale	\$500,000	No Funds	\$0	\$500,000
N23	Arterial	Inglewood Avenue	from south of Rosecrans Avenue to Marine Avenue	Lawndale/Hawthorne	Inglewood Corridor Capacity Enhancing Project: Phase 3: widening and adding SB lane from north city limit	Lawndale	\$3,168,000	\$1.9m 09 CFP	\$1,900,000	\$1,268,000
N24	Arterial	Rosecrans Avenue	from east of Inglewood Avenue to Prairie Avenue	Lawndale	Traffic signal improvements, left-turn improvements. Pavement rehabilitation and various concrete improvements.	Lawndale	\$2,400,000	No Funds	\$0	\$2,400,000
N59	ITS	Rosecrans Avenue	from Ocean Gate Avenue to Vermont Avenue	Hawthorne, Lawndale, Gardena	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening at approximately 16 locations	County	\$2,070,000	CFP 09: \$2.1m (revised)	\$2,070,000	\$0
N60	ITS	Rosecrans Avenue	From Highland Avenue to Ocean Gate Avenue	Manhattan Beach, El Segundo, Hawthorne	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening at approximately 14 locations	County	\$1,036,500	CFP 09: Removed	\$0	\$1,036,500
N25	ITS	Various	Citywide	Lawndale	Traffic Signal Improvements Citywide	Lawndale	\$2,700,000	No Funds	\$0	\$2,700,000

# DRAFT South Bay Measure R Eligible Candidate Project List

Draft for Discussion: 9/17/2010

Identification		Location			Description	Status				
ID	Type	Facility	Limits	City/County		Lead Agency	Cost Estimate	Funding	Committed Funds	Shortfall
N26	Arterial	Hawthorne Boulevard	El Segundo Boulevard to Rosecrans Avenue	Hawthorne	Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.	Hawthorne	\$7,000,000	Metro: \$2.9m	\$2,900,000	\$4,100,000
N61	ITS	Prairie Avenue	from 118th Street to Redondo Beach Boulevard	Hawthorne, Lawndale	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening	County	\$1,687,500	CFP 07: Removed, Potential Prop. B funds	\$0	\$1,687,500
N62	ITS	Redondo Beach Boulevard	from Artesia Boulevard to Vermont Avenue	Lawndale, Torrance, County, Gardena	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening at approximately 30 locations	County	\$1,458,500	CFP 09: Removed	\$0	\$1,458,500
N27	Intersection	190th Street	at Prairie Avenue	Torrance	Add dual northbound right-turn lanes and restripe for three westbound through lanes	Torrance	\$600,000	No Funds	\$0	\$600,000
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	\$1,200,000	No Funds	\$0	\$1,200,000
N29	Intersection	190th Street	at Crenshaw Boulevard	Torrance	Reconstruct intersection (remove median and restripe) - Add one northbound left-turn lane	Torrance	\$900,000	No Funds	\$0	\$900,000
N31	Arterial	Del Amo Boulevard	from Denker Avenue to Normandie Avenue	Los Angeles	Construct new segment	Los Angeles	\$6,800,000	No Funds	\$0	\$6,800,000
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	\$29,920,250	\$10.3m in SAFTEA-Lu and Local Funds	\$10,300,000	\$19,620,250
N33	Intersection	Sepulveda Boulevard	at Wilmington Avenue	Carson	Improvements to the intersection of Wilmington Ave. and Sepulveda Blvd.	Carson	\$500,000	No Funds	\$0	\$500,000
N34	Arterial	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Carson	Widen from two to four lanes	Carson	\$6,000,000	Fed: \$1.2m, Metro: \$3.6m City: \$660k	\$6,000,000	\$0
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	\$1,363,351	City: \$396k	\$396,000	\$967,351
N36	ITS	Systemwide	2007 Call for Projects ITS	County	2007 Call for Projects South Bay Forum systemwide operational improvements, coordination and timing, and ITS improvements	County	\$1,731,500	CFP: \$1.7m	\$1,731,500	\$0
N37	ITS	Systemwide	2009 Call for Projects ITS	County	2009 Call for Projects South Bay Forum systemwide operational improvements, coordination and timing, and ITS improvements	County	\$2,219,314	CFP: \$2.2m	\$2,219,314	\$0
<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	\$400,000	SAFTEA-LU: \$320k, Metro: \$80k	\$400,000	\$0
F31	Auxiliary lane	I-105	Westbound: Crenshaw on-ramp to Crenshaw off-ramp	Hawthorne	Add WB auxiliary lane Crenshaw on to Crenshaw off.	Caltrans	\$13,000,000	No funding	\$0	\$13,000,000
F32	Auxiliary lane	I-105	Westbound from I-405 to Prairie Avenue	Hawthorne	Add WB auxiliary lane	Caltrans	\$30,000,000	No funding	\$0	\$30,000,000
F33	Auxiliary lane	I-105	Eastbound from Yukon to Crenshaw	Hawthorne	Add EB auxiliary lane.	Caltrans	\$29,000,000	No funding	\$0	\$29,000,000
F34	Interchange	I-105	at I-405	Hawthorne	Add HOV connector from westbound I-105 to southbound I-405	Caltrans	\$100,000,000	No funding	\$0	\$100,000,000
F35	Interchange	I-105	at I-405	Hawthorne	Add HOV connector from westbound I-105 to northbound I-405	Caltrans	\$100,000,000	No funding	\$0	\$100,000,000
<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	\$5,070,000	ISTEA: \$2.48m Metro: \$2.59m	\$5,070,000	\$0
N39	Arterial	Century Boulevard	I-405 to Van Ness	Inglewood	Construct raised median with turn pockets and additional turn lanes at major intersections	Inglewood	\$8,600,000	Metro 09 CFP: \$3.22 Local: \$5.37m	\$8,600,000	\$0
N40	Arterial	El Segundo Blvd.	from Prairie Avenue to Crenshaw Boulevard	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	Hawthorne	\$3,000,000	No funds	\$0	\$3,000,000
N63	ITS	El Segundo Boulevard	from Illinois Street to Vermont Avenue	El Segundo, County, Hawthorne, Gardena	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening at approximately 28 locations	County	\$2,664,500	CFP 09: \$2.5m (revised)	\$2,470,000	\$194,500
N64	ITS	Imperial Highway	from Sundale Avenue to Budlong Avenue	Inglewood, Hawthorne, County	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening at approximately 17 locations	County	\$2,278,000	CFP 09: \$2.1m (revised)	\$2,110,000	\$168,000
N41	Arterial	120th Street	from Prairie Avenue to Inglewood Avenue	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	Hawthorne	\$2,000,000	No funds	\$0	\$2,000,000
N42	Arterial	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Gardena	Install median, left turn pockets, intersection upgrade.	Gardena	\$5,140,000	No funds	\$0	\$5,140,000
N65	Arterial	Crenshaw Boulevard	From Redondo Beach Boulevard to El Segundo Boulevard	Gardena	Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work	Gardena	\$1,755,000	No funds	\$0	\$1,755,000
<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	\$100,000,000	No funds	\$0	\$100,000,000
F37	Ramp	I-110	at Pacific Coast Highway	County	Widen southbound off-ramp	Caltrans	\$15,000,000	No funds	\$0	\$15,000,000

# DRAFT South Bay Measure R Eligible Candidate Project List

Draft for Discussion: 9/17/2010

Identification		Location			Description	Status				
ID	Type	Facility	Limits	City/County		Lead Agency	Cost Estimate	Funding	Committed Funds	Shortfall
F38	Auxiliary lane	I-110	Southbound: I-405 to Del Amo Boulevard Undercrossing	County	Widened southbound from three to four lanes	County, Caltrans	\$50,000,000	No funds	\$0	\$50,000,000
<b>Generally within One-Mile of Facility</b>										
N43	Arterial	Torrance Boulevard	at I-110 undercrossing	County	Widen undercrossing	County	\$27,000,000	No funds	\$0	\$27,000,000
N44	Arterial	Sepulveda Boulevard	from Avalon Boulevard to Main Street	Carson	Landscape median, street lights, pavement restoration and signal upgrade	Carson	\$2,000,000	No funds	\$0	\$2,000,000
N66	Arterial	Redondo Beach Boulevard	from Crenshaw Boulevard to Vermont Avenue	Gardena	Traffic signal upgrades (Redondo and Vermont and other locations), addition of turn pockets where geometrically possible, channelization, pavement upgrade, and minor concrete work	Gardena	\$3,340,000	No funds	\$0	\$3,340,000
N67	Arterial	Vermont Avenue	From Rosecrans Avenue to 182nd Street	Gardena/ Los Angeles	Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work	Gardena	\$2,350,000	No funds	\$0	\$2,350,000
N45	ITS	Avalon Boulevard	from 126th Street to Sepulveda Boulevard	Carson	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening	County	\$3,426,000	2009 CFP (revised): \$3.4m	\$3,142,000	\$284,000
<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	\$2,000,000	Not funded	\$0	\$2,000,000
F40	Arterial	Sepulveda Boulevard	from El Segundo Boulevard to Artesia Boulevard	Manhattan Beach	Implement PCH Study Recommendations (10)	Manhattan Beach, Caltrans	\$2,500,000	Not funded	\$0	\$2,500,000
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	\$17,300,000	Metro 09 CFP: \$6.8m SAFTEA-LU Demo: \$1.4m	\$8,200,000	\$9,100,000
F42	Intersection	Sepulveda Boulevard	at Marine Avenue	Manhattan Beach	Add westbound dual left turns	Manhattan Beach	\$500,000	No Funding	\$265,000	\$235,000
F43	Intersection	Sepulveda Boulevard	at Manhattan Beach Boulevard	Manhattan Beach	Add northbound, westbound and eastbound dual left turn lanes	Manhattan Beach	\$980,000	Not funded	\$0	\$980,000
F44	Intersection	Pacific Coast Highway	at Aviation Boulevard	Hermosa Beach	Add southbound dual left turn lanes	Hermosa Beach	\$1,000,000	Not funded	\$0	\$1,000,000
F45	Arterial	Pacific Coast Highway	from Artesia Boulevard to Anita Street	Hermosa Beach	Implement PCH Study Recommendations	Hermosa Beach, Caltrans	\$500,000	Not funded	\$0	\$500,000
F46	Arterial	Pacific Coast Highway	from Anita Street to Palos Verdes Boulevard	Redondo Beach	Implement PCH Study Recommendations (11)	Redondo Beach, Caltrans	\$2,750,000	Not funded	\$0	\$2,750,000
F47	Intersection	Pacific Coast Highway	at Torrance Boulevard	Redondo Beach	Add northbound right-turn lane	Redondo Beach	\$585,000	Not funded	\$0	\$585,000
F48	Intersection	Pacific Coast Highway	at Palos Verdes Boulevard	Redondo Beach	Install westbound right-turn lane	Redondo Beach	\$320,000	Not funded	\$0	\$320,000
F49	Arterial	Pacific Coast Highway	from Palos Verdes Boulevard to Crenshaw Boulevard	Torrance	Implement PCH Study Recommendations (8)	Torrance, Caltrans	\$2,000,000	Not funded	\$0	\$2,000,000
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	\$1,900,000	Not funded	\$0	\$1,900,000
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	\$18,000,000	Not funded	\$0	\$18,000,000
F52	Intersection	Pacific Coast Highway	at Crenshaw Boulevard	Torrance	Add a second southbound left-turn lane, add northbound right-turn overlap phase.	Torrance	\$6,000,000	Not funded	\$0	\$6,000,000
F53	Intersection	Pacific Coast Highway	at Walnut	Lomita	Improve receiving lane of northern leg of intersection	Lomita	\$400,000	Not funded	\$0	\$400,000
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	\$7,000,000	Not funded	\$0	\$7,000,000
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	\$3,000,000	Not funded	\$0	\$3,000,000
<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	\$1,500,000	Received \$500k in SAFETEA-LU	\$0	\$1,500,000
N47	Intersection	Maple Avenue	at Sepulveda Boulevard	Torrance	Add southbound right-turn pocket	Torrance	\$600,000	No funding	\$0	\$600,000
<b>SR-107 Corridor / SR-213 Corridor</b>										
<b>On/Adjacent to Facility</b>										
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	\$1,900,000	Not funded	\$0	\$1,900,000
F56	Intersection	Western Avenue	at Palos Verdes Drive North	Lomita/Los Angeles	Intersection improvements	Lomita	\$400,000	Not funded	\$0	\$400,000
<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	\$5,000,000	No funding	\$0	\$5,000,000
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/Lomita	\$7,000,000	No funding	\$0	\$7,000,000
N50	Intersection	Crenshaw Boulevard	at Carson Street	Torrance	Add fourth northbound through lane	Torrance	\$5,000,000	No funding	\$0	\$5,000,000
N51	Intersection	Crenshaw Boulevard	at Torrance Boulevard	Torrance	Provided dedicated southbound right-turn lane.	Torrance	\$5,000,000	No funding	\$0	\$5,000,000
N52	ITS	Crenshaw Boulevard	from Rosecrans Avenue to Crestridge Road	County, Torrance, Gardena	Upgrade traffic signal operations, vehicle detection, parking restrictions, signing and striping, and minor widening	County	\$2,777,000	CFP 07 (revised): \$2.5m	\$2,544,500	\$232,500

# DRAFT South Bay Measure R Eligible Candidate Project List

Draft for Discussion: 9/17/2010

Identification		Location			Description	Status				
ID	Type	Facility	Limits	City/County		Lead Agency	Cost Estimate	Funding	Committed Funds	Shortfall
<b>SR-91 Corridor</b>										
<b>On/Adjacent to Facility</b>										
F57	ITS	Artesia Boulevard			LA County ITS Project: Artesia Boulevard	County	\$2,000,000	Not funded	\$0	\$2,000,000
<b>Generally within One-Mile of Facility</b>										
N53	Intersection	Artesia Boulevard	at Western Avenue	Gardena, Torrance	Add westbound dual left turns	Gardena	\$400,000	No funding	\$0	\$400,000
N68	Arterial	Artesia Boulevard	from Vermont Avenue to Western Boulevard	Gardena	Add channelization updates, pavement upgrade, and minor concrete work	Gardena	\$2,905,000	No funding	\$0	\$2,905,000
N54	Intersection	Del Amo Boulevard	at Santa Fe Avenue	Carson	Intersection improvements	Carson	\$500,000	No funding	\$0	\$500,000
<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	\$5,500,000	\$5.5K Prop. C	\$0	\$5,500,000
P2	Park and Ride	Artesia Transit Center	Artesia Transit Center	County	Expand park & ride facility.	Caltrans	\$5,000,000		\$0	\$5,000,000
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	\$6,595,778	Fully funded	\$6,595,778	\$0
P4	Park and Ride	Torrance Regional Transit Center	465 Crenshaw Boulevard	Torrance	Regional Transit Center	Torrance	\$16,000,000	\$13m from draft 2011 TIP (LA0G358)	\$13,000,000	\$3,000,000
P5	Park and Ride	Park & Ride Facilities (3)	S/W El Segundo & Vermont; S/W El Segundo & Western; and, S/E Rosecrans & Wadkins	Gardena	Develop three park and ride locations	Gardena	\$4,292,000	No funding	\$0	\$4,292,000

Notes:

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

**\$1,805,134,470**

**\$147,318,796**

**\$1,654,615,674**