

DRAFT South Bay Measure R Strategic Positioning Program (Category #2)

DRAFT Project Assessment

DRAFT 5-Year Early Action and Strategic Allocation (in '000s)

Draft for Discussion: 10/14/2010

Category #1 and #2 Allocated

\$	25,920	\$	35,810	\$	35,850	\$	49,828	\$	14,250
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Available

\$	25,900	\$	35,900	\$	35,900	\$	57,700	\$	18,700
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Category #1 and #2 Balance

\$	(20)	\$	90	\$	51	\$	7,872	\$	4,450
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Identification		Location			Description	Source	Status					Evaluation and Prioritization Criteria								Total Score		FY 2011		FY 2012		FY 2013		FY 2014		FY 2015			
ID	Type	Facility	Limits	City/County			Lead Agency	Document	Cost Estimate	Funding	Committed Funds	Shortfall	Readiness	Multi-Jurisdictional	Benefit to Highway	Measure R Leverage	Regional Significance	Project Need and Benefit	Relative Cost Effectiveness	Land Use, Sustainability	Assessment No Leverage	Assessment with Leverage	Design	Const	Design	Const	Design	Const	Design	Const	Design	Const	
N31	Arterial	Del Amo Boulevard	from Denker Avenue to Normandie Avenue	Los Angeles	Construct new segment	SBCCOG List	Los Angeles	Preliminary Design Complete	\$6,800,000	No Funds	\$0	\$6,800,000	4	8	7	0	6	4	8	2	5.05	5.4	Status Issues										
F10	Ramp	I-405	at Rosecrans Avenue	Hawthorne	Widen southbound off-ramp to Rosecrans Avenue, add signal at end of ramp	SBCCOG List	Caltrans	Preliminary Design Complete	\$13,000,000	No Funds	\$0	\$13,000,000	6	8	6	0	4	2	6	0	4.2	4.5	Related Early Action										
F2	Ramp	I-405	at Manchester Blvd.	Inglewood	Widen northbound off-ramp. And close Ash Avenue.	SBCCOG List	Caltrans	Preliminary Design Complete (Caltrans)	\$20,000,000	No Funds	\$0	\$20,000,000	6	8	6	0	4	2	5	0	4.05	4.35	\$2,000										
P2	Park and Ride	Artesia Transit Center	Artesia Transit Center	County	Expand park & ride facility.	SBCCOG List	Caltrans		\$5,000,000		\$0	\$5,000,000	0	8	4	0	6	4	7	4	4.05	4.25	Candidate for Other Funds										
N5	ITS	Manchester Boulevard	from Aviation Boulevard to Van Ness Avenue	Inglewood	LA County ITS Project: Manchester Boulevard	City	County		\$2,000,000	No funds	\$0	\$2,000,000	2	3	3	0	8	4	8	2	3.85	4	Unknown project										
F31	Auxiliary lane	I-105	Westbound: Crenshaw on-ramp to Crenshaw off-ramp at 182nd St. / Crenshaw Boulevard	Hawthorne	Add WB auxiliary lane Crenshaw on to Crenshaw off.	Coastal Corridor, I-405 CSMP	Caltrans	Concept	\$13,000,000	No Funds	\$0	\$13,000,000	0	8	8	0	4	2	7	0	3.75	4.15	\$1,300										
B7	Arterial and Ramp	I-405	at 182nd St. / Crenshaw Boulevard	Torrance	Bundled Projects Group 7: F20, F21, F22, F23	Various	Caltrans / Torrance	Various	\$47,000,000	No Funds	\$0	\$47,000,000	2	8	7	0	6	4	2	0	3.65	4	\$2,000	\$2,000									
F21	Ramp	I-405	at 182nd Street	Torrance	Widen northbound on-ramp to two lanes, modify signal	I-405 CSMP	Caltrans	Draft PSR (2004)	\$3,500,000	No Funds	\$0	Bundle B7	4	8	5	0	4	2	8	0	4.05	4.3	Bundled										
F20	Ramp	I-405	at Crenshaw/182nd Street	Torrance	Widen northbound off-ramp to 182nd Street, modify signal at terminus	I-405 CSMP	Caltrans	Draft PSR (2004)	\$13,000,000	No Funds	\$0	Bundle B7	4	8	6	0	4	2	6	0	3.9	4.2	Bundled										
F23	Ramp	I-405	at Crenshaw Boulevard	Torrance	New southbound on-ramp from northbound Crenshaw.	I-405 CSMP	Caltrans	Concept, ROW may be negotiable	\$13,000,000	No Funds	\$0	Bundle B7	0	8	5	0	2	2	6	0	2.95	3.2	Bundled										
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	City	Torrance	Concept	\$17,500,000	No Funds	\$0	Bundle B7	0	8	3	0	6	2	3	0	2.6	2.75	Bundled										
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	SBCCOG List	Caltrans	Concept	\$13,000,000	No Funds	\$0	\$13,000,000	0	8	7	0	4	2	7	0	3.6	3.95	\$300	\$400									
P4	Park and Ride	Torrance Regional Transit Center	465 Crenshaw Boulevard	Torrance	Regional Transit Center	SBCCOG List	Torrance	Related to Green Line Extension	\$16,000,000	\$13m from draft 2011 TIP (LA0G358)	\$13,000,000	\$3,000,000	2	3	2	10	4	4	2	4	3.6	4.2	Long Lead Time										
F24	Ramp	I-405	at 190th Street	Torrance	Widen southbound on-ramp at 190th Street.	SBCCOG List	Caltrans	Concept	\$13,000,000	No Funds	\$0	\$13,000,000	0	8	5	0	4	4	6	0	3.45	3.7		\$500									
F33	Auxiliary lane	I-105	Eastbound from Yukon to Crenshaw	Hawthorne	Add EB auxiliary lane.	Coastal Corridor, I-405 CSMP	Caltrans	Concept	\$29,000,000	No Funds	\$0	\$29,000,000	0	8	8	0	4	2	5	0	3.45	3.85		\$500									
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	Caltrans	Conceptual Design	\$10,000,000	No Funds	\$0	\$10,000,000	2	8	5	0	2	2	7	0	3.4	3.65			\$600								
F7	Auxiliary Lane	I-405	Northbound: south of El Segundo Blvd. to I-105	Hawthorne	Add northbound lane	Coastal Corridor (modified), I-405 CSMP	Caltrans	Concept	\$20,000,000	No Funds	\$0	\$20,000,000	0	8	8	0	2	2	6	0	3.4	3.8			\$600								
F25	Auxiliary lane	I-405	Northbound: Normandie Avenue to Western Avenue	Torrance	Add northbound auxiliary lane to the Western Ave off-ramp	I-405 CSMP	Caltrans	Concept	\$20,000,000	No Funds	\$0	\$20,000,000	0	8	8	0	2	2	6	0	3.4	3.8											
F9	Ramp	I-405	at Rosecrans Avenue	Hawthorne	Widen northbound off-ramp	SBCCOG List	Caltrans	Concept	\$13,000,000	No Funds	\$0	\$13,000,000	0	8	6	0	4	2	6	0	3.3	3.6											
F32	Auxiliary lane	I-105	Westbound from Prairie Avenue to I-405	Hawthorne	Add WB auxiliary lane, Component of Bundle B2 (Long-Term)	I-405 CSMP	Caltrans	Concept	\$30,000,000	No Funds	\$0	\$30,000,000	0	8	8	0	2	2	5	0	3.25	3.65											
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	I-405 CSMP	Caltrans	Concept	\$13,000,000	No Funds	\$0	\$13,000,000	0	8	5	0	4	2	6	0	3.15	3.4											

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Identification		Location			Description	Source	Status					Evaluation and Prioritization Criteria										Total Score		FY 2011		FY 2012		FY 2013		FY 2014		FY 2015		
ID	Type	Facility	Limits	City/County			Lead Agency	Document	Cost Estimate	Funding	Committed Funds	Shortfall	Readiness	Multi-Jurisdictional	Benefit to Highway	Measure R Leverage	Regional Significance	Project Need and Benefit	Relative Cost Effectiveness	Land Use, Sustainability	Assessment No Leverage	Assessment with Leverage	Design	Const	Design	Const	Design	Const	Design	Const	Design	Const		
F19	Ramp	I-405	at Artesia Boulevard	Torrance	Add third lane to northbound on-ramp from westbound Artesia Boulevard	I-405 CSMP	Caltrans	Concept	\$13,000,000	No Funds	\$0	\$13,000,000	0	8	5	0	4	2	6	0	3.15	3.4												
F37	Ramp	I-110	at Pacific Coast Highway	County	Widen southbound off-ramp	Caltrans Measure R List	Caltrans	Concept	\$15,000,000	No funds	\$0	\$15,000,000	0	8	6	0	2	2	6	0	3.1	3.4												
F38	Auxiliary lane	I-110	Southbound: I-405 to Del Amo Boulevard Undercrossing	County	Widened southbound from three to four lanes	Iteris Team	Caltrans	Concept	\$15,000,000	No funds	\$0	\$15,000,000	0	8	6	0	2	2	6	0	3.1	3.4												
F1	Ramp	I-405	at La Cienega Blvd.	Inglewood	Widen southbound I-405 on-ramp from southbound La Cienega Blvd.	Caltrans Measure R List (5/22/09)	Caltrans	Concept	\$13,000,000	No Funds	\$0	\$13,000,000	0	8	5	0	2	2	6	0	2.95	3.2												
N54	Intersection	Del Amo Boulevard	at Santa Fe Avenue	Carson	Intersection improvements	SBCCOG List	Carson	Preliminary Design Complete	\$500,000	No funding	\$0	\$500,000	4	0	3	0	4	0	10	0	2.95	3.1												
N71	Arterial	120th Street	120th Street Union Pacific Railroad to Western Avenue (T.G. 733 H1)		Construct bridge of over Union Pacific Railroad tracks to complete roadway connection	County	County	Concept	\$4,000,000	No funding	\$0	\$4,000,000	0	0	7	0	4	2	8	0	2.95	3.3												
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	SBCCOG List	Carson	Land not dedicated by South Bay Pavilion	\$5,500,000	\$5.5K Prop. C	\$0	\$5,500,000	-1	3	2	0	6	4	6	4	2.95	3.05												
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	City	Gardena	Concept	\$4,292,000	No funding	\$0	\$4,292,000	0	3	2	0	4	4	6	4	2.9	3												
B10	Arterial	Crenshaw Boulevard	Crenshaw Boulevard Intersection Projects	Torrance	Phase 2: Bundled Projects Group 10: N48, N49, N50, N51, N52 (Early Action)	Various	Torrance	Various	\$22,000,000	Various	\$0	\$22,000,000	0	3	5	0	6	6	1	2	2.9	3.15												
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	SBCCOG List, Torrance Citywide Traffic Study	Torrance/Lomita	Concept, ROW needed	\$7,000,000	No funding	\$0	Bundle B10	0	5	3	0	6	2	6	0	2.75	2.9												
N48	Intersection	Crenshaw Boulevard	at Sepulveda Boulevard	Torrance	Add dual northbound right-turn lanes, one eastbound right-turn lane and one eastbound through-lane	SBCCOG List	Torrance	Concept, ROW needed	\$5,000,000	No funding	\$0	Bundle B10	0	3	3	0	6	2	7	0	2.7	2.85												
N50	Intersection	Crenshaw Boulevard	at Carson Street	Torrance	Add fourth northbound through lane	SBCCOG List	Torrance	Concept, ROW and widening needed	\$5,000,000	No funding	\$0	Bundle B10	0	3	2	0	6	2	6	0	2.4	2.5												
N51	Intersection	Crenshaw Boulevard	at Torrance Boulevard	Torrance	Provided dedicated southbound right-turn lane.	SBCCOG List, PCH Study, Coastal Corridor Study	Torrance	Concept, ROW needed, Utility Relocation	\$5,000,000	No funding	\$0	Bundle B10	0	3	2	0	6	2	6	0	2.4	2.5												
N15	Arterial	Inglewood Avenue	from El Segundo Blvd. to Imperial Highway	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	City	Hawthorne	Concept	\$3,000,000	Local: \$500k	\$500,000	\$2,500,000	0	3	5	2	4	0	8	0	2.85	3.2												
N47	Intersection	Maple Avenue	at Sepulveda Boulevard	Torrance	Add southbound right-turn pocket	SBCCOG List	Torrance	Concept	\$600,000	No funding	\$0	\$600,000	0	3	2	0	6	2	9	0	2.85	2.95												
N42	Arterial	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Gardena	Install median, left turn pockets, intersection upgrade.	SBCCOG List	Gardena	PSRE	\$5,140,000	No funds	\$0	\$5,140,000	4	0	5	0	4	0	7	0	2.8	3.05												
F59	ITS	Grant Avenue	from Inglewood Avenue to Aviation Boulevard	Redondo Beach	Coordinate signal timing	City	Redondo Beach	Concept	\$450,000	No Funds	\$0	\$450,000	0	3	3	0	0	2	10	2	2.75	2.9												
B1	Intersection	La Cienega Boulevard and Manchester Boulevard	Manchester and La Cienega Intersection Geometric Improvement Projects	Inglewood	Bundled Projects Group 1: N1, N2, F3	Various	Inglewood	Concept	\$2,130,000	No Funds	\$0	\$2,130,000	1.3	0	4	0	4	2	8	0	2.7	2.9												
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	City	Gardena	Concept	\$2,130,000	No funds	\$0	\$2,130,000	0	0	5	0	4	0	9	0	2.5	2.75												
F3	Arterial	Manchester Boulevard	from Ash Avenue to La Cienega Boulevard	Inglewood	Channelize and raise median	City	Inglewood	In design	\$330,000	No Funds	\$0	Bundle B1	4	0	1	0	4	0	9	0	2.5	2.55												
N2	Intersection	La Cienega Boulevard	at Florence Avenue	Inglewood	Improve turn radii and through-right lane	SBCCOG List	Inglewood	Concept	\$600,000	No Funds	\$0	Bundle B1	0	0	1	0	4	0	8	0	1.75	1.8												

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ID	Type	Facility	Limits	City/County			Lead Agency	Document	Cost Estimate	Funding	Committed Funds	Shortfall	Readiness	Multi-Jurisdictional	Benefit to Highway	Measure R Leverage	Regional Significance	Project Need and Benefit	Relative Cost Effectiveness	Land Use, Sustainability	Assessment No Leverage	Assessment with Leverage	Design	Const	Design	Const	Design	Const	Design	Const	Design	Const
N1	Intersection	La Cienega Boulevard	at Manchester Blvd.	Inglewood	Improve turn radii	SBCCOG List, South Bay Goods Movement Study	Inglewood	Concept	\$1,200,000	No Funds	\$0	Bundle B1	0	0	1	0	4	0	7	0	1.6	1.65										
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.	SBCCOG List	Lawndale	Concept	\$2,400,000	No Funds	\$0	\$2,400,000	0	0	5	0	4	0	9	0	2.5	2.75										
N41	Arterial	120th Street	from Prairie Avenue to Inglewood Avenue	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	City	Hawthorne	Concept	\$2,000,000	Local: \$300k	\$300,000	\$1,700,000	0	0	5	2	2	0	9	0	2.5	2.85										
N55	Arterial	Park Place	Nash Street to Allied Way	El Segundo	Park Place roadway extension and railroad grade separation project	2010 FTIP	El Segundo	Concept, Funds for PSR	\$37,000,000	\$735K from FHWA	\$735,000	\$36,265,000	0	3	6	0	4	2	2	2	2.4	2.7										
N43	Arterial	Torrance Boulevard	at I-110 undercrossing	County	Widen undercrossing	SBCCOG List	County	Concept	\$27,000,000	No funds	\$0	\$27,000,000	0	0	6	0	6	2	4	0	2.4	2.7										
N40	Arterial	El Segundo Blvd.	from Prairie Avenue to Crenshaw Boulevard	Hawthorne	Upgrade signals, improve right and left-turn lanes, roadway reconstruction	City	Hawthorne	Concept	\$3,000,000	Local: 400k	\$400,000	\$2,600,000	0	0	5	0	4	0	8	0	2.35	2.6										
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	City	Gardena	Concept	\$3,340,000	No funds	\$0	\$3,340,000	0	0	5	0	4	0	8	0	2.35	2.6										
N68	Arterial	Artesia Boulevard	from Vermont Avenue to Western Avenue	Gardena	Add channelization updates, pavement upgrade, and minor concrete work, Part of Bundle B13-other project is Early Action	City	Gardena	Concept	\$2,905,000	No funding	\$0	\$2,905,000	0	8	1	0	4	0	6	0	2.25	2.3										
F64	Arterial	Hawthorne Boulevard	from Redondo Beach Boulevard to Pacific Coast Highway	Torrance	Pavement rehabilitation, curb, gutter and sidewalk repairs, installation of storm drain	City	Torrance	Concept	\$25,000,000	Not funded	\$0	\$25,000,000	0	3	4	0	4	2	2	0	1.9	2.1										
N44	Arterial	Sepulveda Boulevard	from Avalon Boulevard to Main Street	Carson	Landscape median, street lights, pavement restoration and signal upgrade	City	Carson	Concept	\$3,500,000	No funds	\$0	\$3,500,000	0	0	1	0	4	0	5	0	1.3	1.35										

Notes:
Red numbers indicate project cost estimates by Iteris Team

Estimated Total Program Cost **\$566,817,000** **\$14,935,000** **\$480,752,000**

Total Design and Construction Draft Allocation Example for both Category #1 and Category #2

FY 2011		FY 2012		FY 2013		FY 2014		FY 2015	
\$ 13,647	\$ 12,273	\$ 5,090	\$ 30,720	\$ 2,918	\$ 32,932	\$ 1,000	\$ 48,828	\$ 1,000	\$ 13,250
Design	Const	Design	Const	Design	Const	Design	Const	Design	Const
53%	47%	14%	86%	8%	92%	2%	98%	7%	93%