

DRAFT South Bay Measure R Early Action Program (Category #1)

DRAFT Project Assessment

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

Draft for Discussion: 10/14/2010

Category #1 Allocated Available
Category #1 Balance

\$	20,320	\$	32,410	\$	34,650	\$	49,828	\$	14,250
\$	25,900	\$	35,900	\$	35,900	\$	57,700	\$	18,700
\$	5,580	\$	3,490	\$	1,251	\$	7,872	\$	4,450

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	
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	County	Preliminary Design	\$1,458,500	CFP 09: Considered	\$0	\$1,458,500	2	10	4	0	8	2	9	2	4.55	4.75	\$146			\$1,313							
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	SBCCOG List	County	Preliminary Design Complete	\$29,920,250	\$10.3m in SAFTEA-Lu and Local Funds	\$10,300,000	\$19,620,250	4	8	6	4	6	4	4	0	4.5	5						\$9,810		\$9,810			
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	County	Preliminary Design	\$1,687,500	CFP 07: Considered	\$0	\$1,687,500	2	5	4	0	8	4	9	2	4.35	4.55		\$1,688									
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	SBCCOG List	Caltrans	Preliminary Design Complete	\$1,900,000	No Funds	\$0	\$1,900,000	4	3	6	0	6	4	9	0	4.35	4.65	\$190			\$1,710							
F61	ITS	I-105	at freeway on- and off- ramp signalized intersections with arterials	Los Angeles, El Segundo, Hawthorne, County, Inglewood	Coordinate I-105 freeway ramp/arterial intersections (10 Locations) with TSSP corridors	Iteris Team	Caltrans/County	Concept	\$1,000,000	No Funds	\$0	\$1,000,000	2	10	6	0	4		10	2	4.3	4.6			\$100			\$900					
N6	ITS	Various	Various	Inglewood	4th Phase of Citywide ITS Master Plan	SBCCOG List	Inglewood	Concept Phase	\$2,000,000	No funds	\$0	\$2,000,000	4	3	4	0	6	4	9	2	4.25	4.45	\$200			\$1,800							
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	SBCCOG List	Lawndale	Unresolved ROW issue in Hawthorne stalling project	\$3,168,000	\$1.9m 09 CFP	\$1,900,000	\$1,268,000	-1	5	6	6	6	4	8	0	4.25	4.85									\$1,268		
FN 2	ITS	Pacific Coast Highway and Parallel Arterials	Palos Verde Blvd to I-110	Torrance	PCH South Corridor-- Torrance Area ATMS. Improve traffic operations and implement ITS Elements	Iteris Team	Torrance	Concept	\$3,000,000	No Funds	\$0	\$3,000,000	0	8	6	0	4	4	9	2	4.25	4.55	\$300			\$1,350		\$1,350					
FN 1	ITS	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	Iteris Team	El Segundo	Concept	\$6,000,000	No Funds	\$0	\$6,000,000	0	10	6	0	4	4	8	2	4.3	4.6	\$600			\$2,700		\$2,700					
F62	ITS	I-110	at freeway on- and off- ramp signalized intersections with arterials	Los Angeles, County, Carson	Coordinate I-110 freeway ramp/arterial intersections (17 locations) with TSSP corridors (e.g. SB I-110 Off-Ramp at Pacific Coast Highway)	Iteris Team	Caltrans/County	Concept	\$1,000,000	No Funds	\$0	\$1,000,000	2	10	6	0	4		10	2	4.3	4.6			\$100			\$900					
F29	ITS	I-405 & Arterial Roadways	Imperial Highway 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.	Iteris Team	SBCCOG	Concept	\$7,000,000	No Funds	\$0	\$7,000,000	0	10	4	0	6	4	7	2	4.05	4.25	\$700			\$6,300							
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.	2008 LRTP (Draft) LA Metro, Citywide Traffic Study	Torrance	Preliminary Design Complete	\$1,900,000	No Funds	\$0	\$1,900,000	4	3	6	0	6	2	9	0	4.05	4.35						\$1,900					
F60	ITS	I-405	at freeway on- and off- ramp signalized intersections with arterials	Inglewood, County, Hawthorne, Lawndale, Torrance, Los Angeles, Carson	Coordinate I-405 freeway ramp/arterial intersections (27 Locations) with TSSP corridors (e.g. NB I-405 Off-Ramp at Artesia Boulevard)	Iteris Team	Caltrans/County	Concept	\$3,000,000	No Funds	\$0	\$3,000,000	2	10	6	0	4		9	2	4.15	4.45			\$300			\$2,700					
F43	Intersection	Sepulveda Boulevard	at Manhattan Beach Boulevard	Manhattan Beach	Add northbound, westbound and eastbound dual left turn lanes	SBCCOG List	Manhattan Beach	Conceptual design and traffic analysis complete	\$980,000	No Funds	\$0	\$980,000	2	3	6	0	4	4	10	0	4	4.3		\$980									
B11	Arterial	Aviation Boulevard	Aviation Boulevard Improvement Projects	County, El Segundo, Manhattan Beach, Redondo Beach, Hermosa Beach	Phase 1: Intersection Improvements: N12, N13, N14, N17, N56 (fully funded), N57, N58	Various	Redondo Beach, Manhattan Beach, Hawthorne, County	Various	\$6,269,000	Various	\$300,000	\$5,969,000	2	10	6	2	8	4	0	2	4	4.4	\$597			\$1,400		\$1,400		\$1,400		\$1,172	
N12	Intersection	Aviation Boulevard	at El Segundo Boulevard	El Segundo	Add dual southbound left-turn lanes	SBCCOG List	El Segundo	Preliminary Design	\$1,500,000	No Funds	\$0	Bundle B11	2	3	2	0	4	2	8	0	2.8	2.9	Bundled										
N13	Intersection	Aviation Boulevard	at Marine Avenue	Manhattan Beach	Add dual southbound left-turn lanes	SBCCOG List	Manhattan Beach	Preliminary Design	\$1,500,000	No Funds	\$0	Bundle B11	2	5	2	0	4	2	8	0	3	3.1	Bundled										
N14	Intersection	Aviation Boulevard	at Marine Avenue	Hawthorne	Construct westbound right-turn lane	City	Hawthorne	Concept, ROW required	\$900,000	Local: \$300k	\$300,000	Bundle B11	0	5	2	4	4	2	9	2	3.45	3.75	Bundled										
N58	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct northbound right-turn lane	City	Redondo Beach	Preliminary Design Complete, City has approval to take ROW	\$847,000	No Funds	\$0	Bundle B11	4	3	2	0	4	2	9	0	3.25	3.35	Bundled										

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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	FY 2011		FY 2012		FY 2013		FY 2014		FY 2015					
N57	Intersection	Aviation Boulevard	at Artesia Boulevard	Manhattan Beach	Construct southbound right-turn lane		Manhattan Beach	Concept	\$1,500,000	No Funds	\$0	Bundle B11	0	3	2	0	4	2	8	0	2.5	2.6														
N17	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct eastbound right-turn lane	Circulation Element Update	Redondo Beach	Concept	\$22,000	No Funds	\$0	Bundle B11	0	3	2	0	4	2	10	0	2.8	2.9														
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	Concept	\$500,000	No Funds	\$0	\$500,000	0	3	6	0	6	4	10	0	3.9	4.2			\$500											
F51	Intersection	Pacific Coast Highway	at Hawthorne Boulevard	Torrance	Add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades	City Traffic Study	Torrance, Caltrans	Preliminary Design Complete; PSR (2002)	\$18,000,000	No Funds	\$0	\$18,000,000	4	3	6	0	6	4	6	0	3.9	4.2	\$1,800		\$8,100		\$8,100									
F47	Intersection	Pacific Coast Highway	at Torrance Boulevard	Redondo Beach	Add northbound right-turn lane		Redondo Beach	Concept	\$585,000	No Funds	\$0	\$585,000	0	3	5	0	4	4	10	0	3.55	3.8	\$59		\$527											
F48	Intersection	Pacific Coast Highway	at Palos Verdes Boulevard	Redondo Beach	Install westbound right-turn lane		Redondo Beach	Concept	\$320,000	No Funds	\$0	\$320,000	0	3	5	0	4	4	10	0	3.55	3.8	\$32		\$288											
N25	ITS	Various	Citywide	Lawndale	Traffic Signal Improvements Citywide		Lawndale	Concept	\$2,700,000	No Funds	\$0	\$2,700,000	0	5	3	0	6	4	8	2	3.55	3.7	\$270						\$2,430							
F52	Intersection	Pacific Coast Highway	at Crenshaw Boulevard	Torrance	Add a second southbound left-turn lane, add northbound right-turn overlap phase. Continue third southbound lane on PCH from Rolling Hills Way to 600 feet east of intersection	City Traffic Study	Torrance	Preliminary Design Complete, ROW required	\$11,000,000	No Funds	\$0	\$11,000,000	4	3	6	0	4	2	7	0	3.55	3.85							\$11,000							
N4	ITS	La Cienega Boulevard		Inglewood	Traffic Signal Synchronization Program: Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,		County	Concept, Considered for 2011 CFP	\$2,000,000	No funds	\$0	\$2,000,000	0	3	3	0	8	4	8	2	3.55	3.7			\$200				\$1,800							
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.	2008 LRTP (Draft) LA Metro	Inglewood	Preliminary Plan, 2007 MOU	\$9,970,000	Demo SAFTEA-LU: \$2.64m Prop C: \$528k	\$3,168,000	\$6,802,000	4	0	4	4	6	2	6	0	3.4	3.8					\$6,802									
F44	Intersection	Pacific Coast Highway	at Aviation Boulevard	Hermosa Beach	Add southbound dual left turn lanes		Hermosa Beach	Concept, ROW required (Park)	\$1,000,000	No Funds	\$0	\$1,000,000	-1	3	5	0	4	4	10	0	3.4	3.65										\$1,000				
F56	Intersection	Western Avenue	at Palos Verdes Drive North	Lomita/Los Angeles	Intersection improvements		Lomita	Concept	\$400,000	No Funds	\$0	\$400,000	0	5	6	0	4	0	10	0	3.3	3.6	\$40				\$360									
N53	Intersection	Artesia Boulevard	at Western Avenue	Gardena, Torrance	Add westbound dual left turns, part of Bundle B4 (other project is Long-Term)		Gardena	Concept	\$400,000	No Funds	\$0	\$400,000	0	8	2	0	4	2	10	0	3.3	3.4	\$40				\$360									
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	\$0	\$500,000	4	0	3	0	4	2	10	0	3.25	3.4			\$50		\$450									
F53	Intersection	Pacific Coast Highway	at Walnut	Lomita	Improve receiving lane of northern leg of intersection		Lomita	Concept	\$400,000	Not funded	\$0	\$400,000	0	3	5	0	4	2	10	0	3.25	3.5			\$40		\$360									
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 SAFTEA-LU	\$500,000	\$1,000,000	2	3	4	4	4	2	9	0	3.65	4.05			\$100				\$900							
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	\$2,900,000	\$4,100,000	0	0	5	4	4	4	7	0	3.2	3.65							\$4,100							
B9	Intersection	190th Street	190th Street Intersection Projects	Torrance	Bundled Projects Group 9: N27, N28, N29		Torrance	Concept	\$2,700,000	No Funds	\$0	\$2,700,000	0	0	5	0	6	4	8	0	3.15	3.4	\$270						\$2,430							
N27	Intersection	190th Street	at Prairie Avenue	Torrance	Add dual northbound right-turn lanes and restripe for three westbound through lanes		Torrance	Concept	\$600,000	No Funds	\$0	Bundle B9	0	0	3	0	6	2	10	0	2.85	3	Bundled													
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	\$1,200,000	No Funds	\$0	Bundle B9	0	0	3	0	6	2	9	0	2.7	2.85	Bundled													
N29	Intersection	190th Street	at Crenshaw Boulevard	Torrance	Reconstruct intersection (remove median and restripe) - Add one northbound left-turn lane		Torrance	Concept	\$900,000	No Funds	\$0	Bundle B9	0	0	2	0	6	2	9	0	2.55	2.65	Bundled													
N18	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Add southbound right-turn lane south of railroad tracks		Redondo Beach	Preliminary Design Complete, ROW required	\$5,175,000	No Funds	\$0	\$5,175,000	4	3	2	0	6	2	6	0	3	3.1			\$518			\$4,658								
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	Concept	\$2,350,000	No Funds	\$0	\$2,350,000	0	5	5	0	4	0	9	0	3	3.25						\$2,350								
N19	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Install eastbound right-turn arrow		Redondo Beach	Concept	\$30,000	No Funds	\$0	\$30,000	0	0	2	0	4	2	10	2	2.7	2.8		\$30												

Notes: Red numbers indicate project cost estimates by Iteris Team

Estimated Total Program Cost \$229,592,101 \$67,465,500 \$146,457,601

Total Design and Construction Draft Allocation Example for Category #1 (no Category #2)

FY 2011		FY 2012		FY 2013		FY 2014		FY 2015	
\$ 8,047	\$12,273	\$ 1,690	\$30,720	\$ 1,718	\$32,932	\$ 1,000	\$ 48,828	\$ 1,000	\$13,250
Design	Const	Design	Const	Design	Const	Design	Const	Design	Const
40%	60%	5%	95%	5%	95%	2%	98%	7%	93%