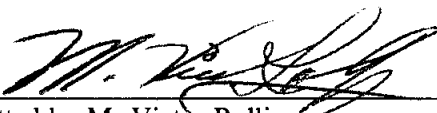


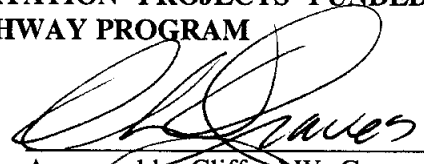


City of Carson Report to Mayor and City Council

January 18, 2011
New Business Consent

SUBJECT: CONSIDERATION OF RESOLUTION NO. 11-007 SUPPORTING THE EARLY ACTION PROGRAM OF TRANSPORTATION PROJECTS FUNDED THROUGH THE SOUTH BAY'S MEASURE R HIGHWAY PROGRAM


Submitted by M. Victor Rollinger
Development Services General Manager


Approved by Clifford W. Graves
Interim City Manager

I. SUMMARY

The South Bay Cities Council of Governments (SBCCOG) is asking each jurisdiction that has been identified as being the Lead Agency for implementation of one or more South Bay Measure R Highway Program Early Action Program (EAP) projects (Exhibit No. 1) to adopt a resolution endorsing its projects as well as the entire 5-year EAP. The resolution includes provisions setting forth certain understandings and commitments for each lead agency jurisdiction to agree to in adopting the resolution of support (Exhibit No. 2).

II. RECOMMENDATION

TAKE the following actions:

1. WAIVE further reading and ADOPT Resolution No. 11-007, "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CARSON, CALIFORNIA, SUPPORTING THE EARLY ACTION PROGRAM OF TRANSPORTATION PROJECTS FUNDED THROUGH THE SOUTH BAY'S MEASURE R HIGHWAY PROGRAM."
2. DIRECT staff to forward a copy of the adopted resolution to the South Bay Cities Council of Governments.

III. ALTERNATIVES

TAKE another action the City Council deems appropriate.

IV. BACKGROUND

Measure R is a one-half cent sales tax approved by Los Angeles County voters in November, 2008 to meet the transportation needs of Los Angeles County.

One component of Measure R is the South Bay Highway Program that will provide approximately \$906,000,000.00 (in 2008 dollars), or roughly \$1,400,000,000.00 in inflated dollars, over 30 years for much needed ramp and interchange investments to improve the operation of the I-405, I-110, I-105 and SR-91 freeways in the South Bay. The scope of eligible investments also

14.

includes local arterial, signal synchronization and park-and-ride projects that can be demonstrated to have a significant operational improvement to the state highway system. Although Measure R is expected to provide a significant amount of funding to the South Bay, the intent of this program is also to leverage the Measure R funds with other available and possible new revenue sources.

The Metropolitan Transportation Authority (Metro) oversees the distribution of the funds and will enter into a project-specific Memorandum of Understanding (MOU) with each project's lead agency that will establish the project schedule and cost estimate. As required by Metro, each project will be entered into the SBCCOG Measure R Program/Project Management System (PPMS) for tracking during the course of project development and construction. The Measure R Highway Program is a cost-reimbursement program subject to annual audit requirements by Metro. The city has up to five years to spend the funds allocated to it in a particular fiscal year.

In order to efficiently use the funds, an implementation plan is being developed in a collaborative process under the policy guidance of the SBCCOG Board of Directors and the technical auspices of a working group that includes South Bay city staffs, the County of Los Angeles Department of Public Works, Metro, and Caltrans. The South Bay Infrastructure Working Group is serving as the Technical Advisory Committee for the program.

The implementation plan will be prepared so that it can be updated periodically, as needed. The implementation plan process to date has:

- Identified eligible projects – including identifying the criteria that makes them eligible
- Developed a project assessment system to prioritize and group projects using the following criteria:
 - Project readiness
 - Multi-jurisdictional effort
 - Level of congestion relief
 - Regional significance and intermodal integration
 - Project need and benefit to transportation system
 - Cost effectiveness
 - Land use, environmental compatibility, and sustainability
- For each project, established a realistic and achievable project implementation schedule as well as recommended lead agency

- Developed an EAP package of projects that can be constructed in the near-term (2 – 5 years)
- Developed a Measure R funding allocation plan for the EAP based on the anticipated fiscal year allocations from Metro to the South Bay program

The Infrastructure Working Group has endorsed an EAP of over 40 projects totaling approximately \$145,000,000.00 to be implemented in the first five years of the South Bay Measure R Highway Program, as listed in Exhibit No. 1 triangle pages 5, 6 and 7. Exhibit No. 1 triangle page 7 includes those programs in the City of Carson.

Some of the funding will be available to assist the implementing agencies to complete all pre-final design work and environmental documents and to complete grant applications for additional funding sources.

SBCCOG has requested that the City Council of each city with projects on the EAP confirm their commitment to the projects by approving the attached resolution. This is to demonstrate to Metro that the lead agencies concur in the funding application and are committed to implementing the projects in a timely manner.

V. FISCAL IMPACT

None.

VI. EXHIBITS

1. Early Action Projects list. (pgs. 5-9)
2. Resolution No. 11-007. (pgs. 10-16)

Prepared by: Massoud Ghiam, P.E., Senior Civil Engineer

TO: Rev122210

Reviewed by:

<u>City Clerk</u>	<u>City Treasurer</u>
<u>Administrative Services</u>	<u>Development Services</u>
<u>Economic Development Services</u>	<u>Public Services</u>

Action taken by City Council

Date _____ Action _____

South Bay Measure R Highway Program

SBCCOG Board January 27, 2011 submission

Early Action Projects

Early Action Projects				Location			Description	Lead Agency	Nexus	South Bay Measure R Funding Allocation						
ID	Type	Facility	Limits	City/County	FY 2011/2012	FY 2012/2013				FY 2013/2014	FY 2014/2015	FY 2015/2016	Total 5-Year Allocation			
Program Contingency																
F2	Ramp	I-405	at Manchester Blvd.	Inglewood	Early Action: Improve turn radii at northbound I-405 off-ramp at Manchester Boulevard	Caltrans/Inglewood	on/ adjacent to facility	\$186,000							\$186,000	
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	on/ adjacent to facility	\$2,100,000							\$2,100,000	
F29	ITS	I-405 & Arterial Roadways	Imperial Highway to Carson on I-405 and Parallel Arterials	Caltrans, Carson, County, Lawndale, Hawthorne, Redondo Beach, Torrance	I-405 Congestion Relief Corridor: Ramp and Arterial ITS Integration Freeway/Arterial/Interchange Corridor System Management - Rosecrans Ave., Manhattan Beach Blvd., Artesia Blvd., Inglewood Ave., Hawthorne Blvd., Crenshaw Blvd.	Caltrans	on/ adjacent to facility	\$5,000,000	\$2,000,000						\$7,000,000	
F39	Arterial	Sepulveda Boulevard	from Imperial Highway to El Segundo Boulevard	El Segundo	PCH Study Improvements: Implement PCH Study Recommendations	El Segundo	on/ adjacent to facility			\$400,000					\$400,000	
F40	Arterial	Sepulveda Boulevard	from El Segundo Boulevard to Artesia Boulevard	Manhattan Beach	PCH Study Improvements: Implement PCH Study Recommendations	Manhattan Beach	on/ adjacent to facility	\$1,500,000							\$1,500,000	
F41	Arterial	Sepulveda Boulevard	from 33rd Street to south of Rosecrans Avenue	Manhattan Beach	Add one northbound lane by widening bridge no. 53	Manhattan Beach	on/ adjacent to facility		\$4,550,000	\$4,550,000					\$9,100,000	
F42	Intersection	Sepulveda Boulevard	at Marine Avenue	Manhattan Beach	Add westbound dual left turns	Manhattan Beach	on/ adjacent to facility	\$235,000							\$235,000	
F43	Intersection	Sepulveda Boulevard	at Manhattan Beach Boulevard	Manhattan Beach	Add northbound, westbound and eastbound dual left turn lanes and southbound right-turn lane	Manhattan Beach	on/ adjacent to facility			\$980,000					\$980,000	
F44	Intersection	Pacific Coast Highway	at Aviation Boulevard	Hermosa Beach	Add southbound dual left turn lanes	Hermosa Beach	on/ adjacent to facility						\$1,000,000		\$1,000,000	
F45	Arterial	Pacific Coast Highway	from Artesia Boulevard to Anita Street	Hermosa Beach	PCH Study Improvements: Implement PCH Study Recommendations	Hermosa Beach	on/ adjacent to facility	\$240,000							\$240,000	
F46	Arterial	Pacific Coast Highway	from Anita Street to Palos Verdes Boulevard	Redondo Beach	PCH Study Improvements: Implement PCH Study Recommendations	Redondo Beach	on/ adjacent to facility	\$1,400,000							\$1,400,000	
F47	Intersection	Pacific Coast Highway	at Torrance Boulevard	Redondo Beach	Add northbound right-turn lane	Redondo Beach	on/ adjacent to facility	\$58,500	\$526,500						\$585,000	
F48	Intersection	Pacific Coast Highway	at Palos Verdes Boulevard	Redondo Beach	Install westbound right-turn lane	Redondo Beach	on/ adjacent to facility	\$32,000	\$288,000						\$320,000	
F49	Arterial	Pacific Coast Highway	from Palos Verdes Boulevard to Crenshaw Boulevard	Torrance	PCH Study Improvements: Implement PCH Study Recommendations	Torrance	on/ adjacent to facility	\$1,840,000							\$1,840,000	
F51	Intersection	Pacific Coast Highway	at Hawthorne Boulevard	Torrance	Add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades	Torrance	on/ adjacent to facility	\$1,300,000		\$300,000	\$18,000,000				\$19,600,000	
F53	Intersection	Pacific Coast Highway	at Walnut	Lomita	Improve receiving lane of northern leg of intersection	Lomita	on/ adjacent to facility	\$50,000		\$450,000					\$500,000	
F56	Intersection	Western Avenue	at Palos Verdes Drive North	Lomita	Intersection improvements	Lomita	on/ adjacent to facility		\$40,000	\$360,000					\$400,000	
F60	ITS	I-405, I-110, I-105, SR-91	at freeway ramp/arterial signalized intersections	Carson, County, El Segundo, Hawthorne, Inglewood, Los Angeles, Lawndale, Redondo Beach, Torrance	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)	Caltrans	on/ adjacent to facility	\$5,000,000							\$5,000,000	
FN 1	ITS	Pacific Coast Highway and Parallel Arterials	From Imperial Highway to Artesia Boulevard	Caltrans, County, El Segundo, Hawthorne, Manhattan Beach	PCH North Corridor - Improve traffic operations and implement ITS Elements. North/South: Pacific Coast Highway, Aviation Boulevard, East/West: Imperial Highway, El Segundo Blvd., Rosecrans Ave., Manhattan Beach Blvd., Artesia Blvd.	Caltrans	on/ adjacent to facility		\$4,000,000	\$2,000,000					\$6,000,000	

Early Action Projects (continued)

Identification			Location		Description	Lead Agency	Nexus	South Bay Measure R Funding Allocation					
ID	Type	Facility	Limits	City/County				FY 2011/ 2012	FY 2012 / 2013	FY 2013 / 2014	FY 2014 / 2015	FY 2015 / 2016	Total 5-Year Allocation
FN 2	ITS	Pacific Coast Highway and Parallel Arterials	Palos Verde Blvd to I-110	County, Lomita, Torrance	PCH South Corridor-- Torrance Area ATMS. Improve traffic operations and implement ITS Elements	Caltrans	on/ adjacent to facility		\$3,000,000				\$3,000,000
N6	ITS	Various	Various	Inglewood	4th Phase of Citywide ITS Master Plan (central computer system with fiber optic interconnection linking all signalized intersections for two-way communications)	Inglewood	I-405 Corridor	\$2,000,000					\$2,000,000
N13	Intersection	Aviation Boulevard	at Marine Avenue	Manhattan Beach	Add dual southbound left-turn lanes. Aviation Boulevard Phase 1: Intersection Projects	Manhattan Beach	I-405 Corridor		\$1,500,000				\$1,500,000
N14	Intersection	Aviation Boulevard	at Marine Avenue	Hawthorne	Construct westbound right-turn lane.	Hawthorne	I-405 Corridor	\$600,000					\$600,000
N17	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct eastbound right-turn lane.	Redondo Beach	SR-1 / I-405 Corridor	\$22,000					\$22,000
N18	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Add southbound right-turn lane south of railroad tracks to Manhattan Beach Boulevard	Redondo Beach	I-405 Corridor		\$517,500	\$4,657,500			\$5,175,000
N19	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Install eastbound right-turn arrow	Redondo Beach	I-405 Corridor	\$30,000					\$30,000
N22	Arterial	Inglewood Avenue	from 158th Street to I-405 southbound on-ramp	Lawndale	Extension of Phase 2 widening to I-405 southbound ramp	Lawndale	I-405 Corridor	\$100,000	\$400,000				\$500,000
N25	ITS	Various	Citywide	Lawndale	Traffic Signal Improvements Citywide	Lawndale	I-405 Corridor		\$150,000	\$1,350,000			\$1,500,000
N26	Arterial	Hawthorne Boulevard	El Segundo Boulevard to Rosecrans Avenue	Hawthorne	Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.	Hawthorne	I-405 Corridor		\$1,971,372				\$1,971,372
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	I-405 Corridor			\$26,920,250			\$26,920,250
N34	Arterial	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Carson	Widen from four lanes to six lanes, rehabilitate bridge.	Carson	I-405 Corridor	\$1,158,000					\$1,158,000
N42	Arterial	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Gardena	Install median, left turn pockets, intersection upgrade.	Gardena	I-110 / I-105 Corridor	\$300,000	\$317,000	\$4,523,000			\$5,140,000
N46	Arterial	Vista Del Mar	north of southern City Limit	El Segundo	Roadway safety improvements: realign S-Curve	El Segundo	SR-1 Corridor		\$150,000	\$1,350,000			\$1,500,000
N47	Intersection	Maple Avenue	at Sepulveda Boulevard	Torrance	Add southbound right-turn pocket	Torrance	SR-107 Corridor	\$60,000	\$540,000				\$600,000
N53	Intersection	Artesia Boulevard	at Western Avenue	Gardena, Torrance	Add westbound dual left turns.	Gardena	I-405 / SR-91 Corridor	\$75,000		\$600,000			\$675,000
N57	Intersection	Aviation Boulevard	at Artesia Boulevard	Manhattan Beach	Construct southbound right-turn lane.	Manhattan Beach	SR-1 / I-405 Corridor				\$1,500,000		\$1,500,000
N58	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct northbound right-turn lane.	Redondo Beach	SR-1 / I-405 Corridor	\$847,000					\$847,000
N67	Arterial	Vermont Avenue	From Rosecrans Avenue to 182nd Street	Gardena	Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work	Gardena	I-110 Corridor	\$150,000	\$132,000	\$2,068,000			\$2,350,000
N69	Arterial	Maple Avenue	from Sepulveda Boulevard to Parkview Avenue	El Segundo	Improve signage and roadway to provide a connection between northbound Sepulveda Boulevard and the eastbound I-105 ramps	El Segundo	I-105 Corridor	\$2,500,000					\$2,500,000

Pending Metro Determination

P4	Park and Ride	Torrance Regional Transit Center	465 Crenshaw Boulevard	Torrance	Regional Transit Center	Torrance	I-405 / I-110 Corridor		\$10,500,000	\$10,500,000			\$21,000,000
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South Bay Measure R Highway Program

Lead Agency Jurisdiction: Carson

Early Action Projects

Identification			Location		Description	Lead Agency	Nexus	South Bay Measure R Funding Allocation					Total 5-Year Allocation
ID	Type	Facility	Limits	City/County				FY 2011/2012	FY 2012/2013	FY 2013/2014	FY 2014/2015	FY 2015/2016	
N34	Arterial	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Carson	Widen from four lanes to six lanes, rehabilitate bridge.	Carson	I-405 Corridor		\$1,158,000				\$1,158,000

Fully Funded Projects (No Measure R Funding)

Identification			Location		Description	Lead Agency	Nexus
ID	Type	Facility	Limits	City/County			
F27	Ramp	I-405	at Avalon Boulevard	Carson	Interchange improvements	Caltrans	on/ adjacent to facility
F28	Ramp	I-405	at Wilmington Avenue	Carson	Widen Wilmington Avenue from 223rd Street, including I-405 ramp modification.	Carson	on/ adjacent to facility



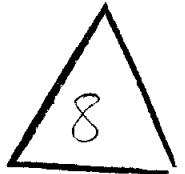
South Bay Measure R Highway Program

Attachment 3

SBCCOG Board January 27, 2011 submission

Fully Funded Projects (No Measure R Funding)

ID	Type	Location		City/County	Description	Lead Agency	Nexus
		Facility	Limits				
F28	Ramp	I-405	at Wilmington Avenue	Carson	Widen Wilmington Avenue from 223rd Street, including I-405 ramp modification.	Caltrans	on/ adjacent to facility
F27	Ramp	I-405	at Avalon Boulevard	Carson	Interchange improvements	Caltrans	on/ adjacent to facility
F57	ITS	Artesia Boulevard	Artesia Boulevard	County	LA County ITS Project: Artesia Boulevard	County	on/ adjacent to facility
N5	ITS	Manchester Boulevard	from Aviation Boulevard to Van Ness Avenue	Inglewood	LA County ITS Project: Manchester Boulevard	County	I-405 Corridor
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	I-405 Corridor
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	I-405 Corridor
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	I-405 Corridor
N21	Arterial	Inglewood Avenue	from Manhattan Beach Boulevard to 156th Street	Lawndale	Inglewood Corridor Capacity Enhancing Project Phase 2: Widen northbound Inglewood Avenue	Lawndale	I-405 Corridor
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	I-405 Corridor
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	I-405 Corridor
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	I-405 Corridor
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	I-110 Corridor
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	I-405 / SR-213 Corridor
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	I-405 Corridor
N59	ITS	Rosecrans Avenue	from Ocean Gale 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	I-405 Corridor



Fully Funded Projects (No Measure R Funding) continued

Identification		Location		City/County	Description	Lead Agency	Nexus
ID	Type	Facility	Limits				
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	I-405 / I-105 / I-110 Corridor
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	I-405 / I-105 Corridor
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	I-405 Corridor

RESOLUTION NO. 11-007

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CARSON, CALIFORNIA, SUPPORTING THE EARLY ACTION PROGRAM OF TRANSPORTATION PROJECTS FUNDED THROUGH THE SOUTH BAY'S MEASURE R HIGHWAY PROGRAM.

WHEREAS, the Measure R Expenditure Plan as approved by the voters of Los Angeles County in November 2008 will provide approximately \$906,000,000.00 (in 2008 dollars), or roughly \$1,400,000,000.00 in inflated dollars, over 30 years for much needed ramp and interchange investments to improve the operation of I-405, I-110, I-105 and SR-91 freeways in the South Bay; and

WHEREAS, as a result of collaborative efforts involving the South Bay Cities Council of Governments (SBCCOG), its member jurisdictions, the Infrastructure Working Group (IWG), Caltrans and Los Angeles County Metropolitan Transportation Authority (L.A. Metro), the scope of eligible investments also includes local arterial, signal synchronization and park-and-ride projects that can be demonstrated to have a significant operational nexus to the state highway system; and

WHEREAS, that same collaborative effort has resulted in the identification of an "Early Action Program" of over 40 projects totaling approximately \$145,000,000.00 to be implemented in the first five years of the South Bay Measure R Highway Program, as listed in Attachment 1 to this resolution; and

WHEREAS, the City of Carson has been identified as being the Lead Agency for implementation for a number of the Early Action Program projects, as listed in Attachment 2 to this resolution; and

WHEREAS, additional projects, as listed in Attachment 3 to this resolution, have been included so that they are eligible to be considered by the SBCCOG for Measure R funding in the future on a case-by-case basis in the event a funding shortfall develops.

NOW, THEREFORE, be it determined by the City Council of the City of Carson, California, that:

Section 1. Does hereby support and endorse the Early Action Program of projects to be implemented in the first five years of the South Bay Measure R Highway Program; and

Section 2. Takes these actions with the understanding that, for each Measure R funded project for which it is the lead agency, it will be required by L.A. Metro to enter into a Memorandum of Understanding (MOU) with L.A. Metro which will establish the project schedule, cost estimate and budget and that each project will be entered into the SBCCOG's Measure R Program/Project Management System (PPMS) for tracking; and

[MORE]

EXHIBIT NO. 02



Section 3. Endorses and commits to making every good faith effort to complete each project for which it is the Lead Agency pursuant to the schedule as set forth in the MOU, but in any event within the period ending five years after a MOU for the project is executed; and

Section 4. Understands that the Measure R Highway Program is a cost-reimbursement program subject to annual audit requirements by L.A. Metro.

PASSED, APPROVED and ADOPTED this 18th day of January, 2011.

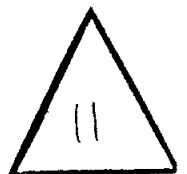
Mayor Jim Dear

ATTEST:

City Clerk Helen S. Kawagoe

APPROVED AS TO FORM:

City Attorney



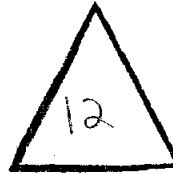
South Bay Measure R Highway Program

Attachment 1

SBCCOG Board January 27, 2011 submission

Early Action Projects

Early Action Projects			Location		South Bay Measure R Funding Allocation								
ID	Type	Facility	Limits	City/County	Description	Lead Agency	Nexus	FY 2011/2012	FY 2012/2013	FY 2013/2014	FY 2014/2015	FY 2015/2016	Total 5-Year Allocation
Program Contingency													
F2	Ramp	I-405	at Manchester Blvd.	Inglewood	Early Action: Improve turn radii at northbound I-405 off-ramp at Manchester Boulevard	Caltrans/Inglewood	on/ adjacent to facility	\$1,000,000					\$5,000,000
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	on/ adjacent to facility	\$2,100,000					\$186,000
F29	ITS	I-405 & Arterial Roadways	Imperial Highway to Carson on I-405 and Parallel Arterials	Caltrans, Carson, County, Lawndale, Hawthorne, Redondo Beach, Torrance	I-405 Congestion Relief Corridor: Ramp and Arterial ITS Integration Freeway/Arterial Interchange Corridor System Management - Rosecrans Ave., Manhattan Beach Blvd., Artesia Blvd., Inglewood Ave., Hawthorne Blvd., Crenshaw Blvd.	Caltrans	on/ adjacent to facility		\$5,000,000	\$2,000,000			\$7,000,000
F39	Arterial	Sepulveda Boulevard	from Imperial Highway to El Segundo Boulevard	El Segundo	PCH Study Improvements: Implement PCH Study Recommendations	El Segundo	on/ adjacent to facility				\$400,000		\$400,000
F40	Arterial	Sepulveda Boulevard	from El Segundo Boulevard to Artesia Boulevard	Manhattan Beach	PCH Study Improvements: Implement PCH Study Recommendations	Manhattan Beach	on/ adjacent to facility	\$1,500,000					\$1,500,000
F41	Arterial	Sepulveda Boulevard	from 33rd Street to south of Rosecrans Avenue	Manhattan Beach	Add one northbound lane by widening bridge no. 53	Manhattan Beach	on/ adjacent to facility		\$4,550,000	\$4,550,000			\$9,100,000
F42	Intersection	Sepulveda Boulevard	at Marine Avenue	Manhattan Beach	Add westbound dual left turns	Manhattan Beach	on/ adjacent to facility	\$235,000					\$235,000
F43	Intersection	Sepulveda Boulevard	at Manhattan Beach Boulevard	Manhattan Beach	Add northbound, westbound and eastbound dual left turn lanes and southbound right-turn lane	Manhattan Beach	on/ adjacent to facility			\$980,000			\$980,000
F44	Intersection	Pacific Coast Highway	at Aviation Boulevard	Hermosa Beach	Add southbound dual left turn lanes	Hermosa Beach	on/ adjacent to facility					\$1,000,000	\$1,000,000
F45	Arterial	Pacific Coast Highway	from Artesia Boulevard to Anita Street	Hermosa Beach	PCH Study Improvements: Implement PCH Study Recommendations	Hermosa Beach	on/ adjacent to facility	\$240,000					\$240,000
F46	Arterial	Pacific Coast Highway	from Anita Street to Palos Verdes Boulevard	Redondo Beach	PCH Study Improvements: Implement PCH Study Recommendations	Redondo Beach	on/ adjacent to facility	\$1,400,000					\$1,400,000
F47	Intersection	Pacific Coast Highway	at Torrance Boulevard	Redondo Beach	Add northbound right-turn lane	Redondo Beach	on/ adjacent to facility	\$58,500	\$526,500				\$585,000
F48	Intersection	Pacific Coast Highway	at Palos Verdes Boulevard	Redondo Beach	Install westbound right-turn lane	Redondo Beach	on/ adjacent to facility	\$32,000	\$288,000				\$320,000
F49	Arterial	Pacific Coast Highway	from Palos Verdes Boulevard to Crenshaw Boulevard	Torrance	PCH Study Improvements: Implement PCH Study Recommendations	Torrance	on/ adjacent to facility	\$1,840,000					\$1,840,000
F51	Intersection	Pacific Coast Highway	at Hawthorne Boulevard	Torrance	Add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades	Torrance	on/ adjacent to facility	\$1,300,000		\$300,000	\$18,000,000		\$19,600,000
F53	Intersection	Pacific Coast Highway	at Walnut	Lomita	Improve receiving lane of northern leg of intersection	Lomita	on/ adjacent to facility	\$50,000		\$450,000			\$500,000
F56	Intersection	Western Avenue	at Palos Verdes Drive North	Lomita	Intersection improvements	Lomita	on/ adjacent to facility		\$40,000	\$360,000			\$400,000
F60	ITS	I-405, I-110, I-105, SR-91	at freeway ramp/arterial signalized intersections	Carson, County, El Segundo, Hawthorne, Inglewood, Los Angeles, Lawndale, Redondo Beach, Torrance	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)	Caltrans	on/ adjacent to facility	\$5,000,000					\$5,000,000
FN 1	ITS	Pacific Coast Highway and Parallel Arterials	From Imperial Highway to Artesia Boulevard	Caltrans, County, El Segundo, Hawthorne, Manhattan Beach	PCH North Corridor - Improve traffic operations and implement ITS Elements. North/South: Pacific Coast Highway, Aviation Boulevard, East/West: Imperial Highway, El Segundo Blvd., Rosecrans Ave, Manhattan Beach Blvd, Artesia Blvd	Caltrans	on/ adjacent to facility		\$4,000,000	\$2,000,000			\$6,000,000

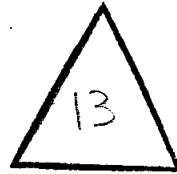


Early Action Projects (continued)

Identification			Location		Description	Lead Agency	Nexus	South Bay Measure R Funding Allocation				
ID	Type	Facility	Limits	City/County				FY 2011/2012	FY 2012/2013	FY 2013/2014	FY 2014/2015	Total 5-Year Allocation
FN 2	ITS	Pacific Coast Highway and Parallel Arterials	Palos Verde Blvd to I-110	County, Lomita, Torrance	PCH South Corridor-- Torrance Area ATMS. Improve traffic operations and implement ITS Elements	Caltrans	on/ adjacent to facility		\$3,000,000			\$3,000,000
N6	ITS	Various	Various	Inglewood	4th Phase of Citywide ITS Master Plan (central computer system with fiber optic interconnection linking all signalized intersections for two-way communications)	Inglewood	I-405 Corridor	\$2,000,000				\$2,000,000
N13	Intersection	Aviation Boulevard	at Marine Avenue	Manhattan Beach	Add dual southbound left-turn lanes. Aviation Boulevard Phase 1: Intersection Projects	Manhattan Beach	I-405 Corridor			\$1,500,000		\$1,500,000
N14	Intersection	Aviation Boulevard	at Marine Avenue	Hawthorne	Construct westbound right-turn lane.	Hawthorne	I-405 Corridor		\$600,000			\$600,000
N17	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct eastbound right-turn lane.	Redondo Beach	SR-1 / I-405 Corridor	\$22,000				\$22,000
N18	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Add southbound right-turn lane south of railroad tracks to Manhattan Beach Boulevard	Redondo Beach	I-405 Corridor			\$517,500	\$4,657,500	\$5,175,000
N19	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Install eastbound right-turn arrow	Redondo Beach	I-405 Corridor	\$30,000				\$30,000
N22	Arterial	Inglewood Avenue	from 156th Street to I-405	Lawndale	Extension of Phase 2 widening to I-405 southbound ramp	Lawndale	I-405 Corridor	\$100,000	\$400,000			\$500,000
N25	ITS	Various	Citywide	Lawndale	Traffic Signal Improvements Citywide	Lawndale	I-405 Corridor		\$150,000		\$1,350,000	\$1,500,000
N26	Arterial	Hawthorne Boulevard	El Segundo Boulevard to Rosecrans Avenue	Hawthorne	Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.	Hawthorne	I-405 Corridor			\$1,971,372		\$1,971,372
N32	Arterial	Del Arno Boulevard	from Normandie Boulevard to Vermont Avenue	County	Reconstruct and widen from one lane in each direction to two lanes in each direction	County	I-405 Corridor				\$28,920,250	\$28,920,250
N34	Arterial	Sepulveda Boulevard	from Alameda Street to I-10	Carson	Widen from four lanes to six lanes, rehabilitate bridge.	Carson	I-405 Corridor	\$1,158,000				\$1,158,000
N42	Arterial	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Gardena	Install median, left turn pockets, intersection upgrade.	Gardena	I-110 / I-105 Corridor	\$300,000	\$317,000	\$4,523,000		\$5,140,000
N46	Arterial	Vieta Del Mar	north of southern City Limit	El Segundo	Roadway safety improvements: realign S-Curve	El Segundo	SR-1 Corridor		\$150,000		\$1,350,000	\$1,500,000
N47	Intersection	Maple Avenue	at Sepulveda Boulevard	Torrance	Add southbound right-turn pocket	Torrance	SR-107 Corridor	\$60,000	\$540,000			\$600,000
N53	Intersection	Artesia Boulevard	at Western Avenue	Gardena, Torrance	Add westbound dual left turns.	Gardena	I-405 / SR-91 Corridor	\$75,000		\$600,000		\$675,000
N57	Intersection	Aviation Boulevard	at Artesia Boulevard	Manhattan Beach	Construct southbound right-turn lane.	Manhattan Beach	SR-1 / I-405 Corridor					\$1,500,000
N58	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct northbound right-turn lane.	Redondo Beach	SR-1 / I-405 Corridor	\$847,000				\$847,000
N67	Arterial	Vermont Avenue	From Rosecrans Avenue to 182nd Street	Gardena	Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work	Gardena	I-110 Corridor	\$150,000	\$132,000	\$2,068,000		\$2,350,000
N69	Arterial	Maple Avenue	from Sepulveda Boulevard to Parkview Avenue	El Segundo	Improve signage and roadway to provide a connection between northbound Sepulveda Boulevard and the eastbound I-105 ramps.	El Segundo	I-105 Corridor	\$2,500,000				\$2,500,000

Pending Metro Determination

P4	Park and Ride	Torrance Regional Transit Center	465 Crenshaw Boulevard	Torrance	Regional Transit Center	Torrance	I-405 / I-110 Corridor		\$10,500,000	\$10,500,000		\$21,000,000
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South Bay Measure R Highway Program

Attachment 2

Lead Agency Jurisdiction: Carson

Early Action Projects

Identification		Location		Description	Lead Agency	Nexus	South Bay Measure R Funding Allocation					Total 5-Year Allocation
		Facility	Limits				FY 2011 / 2012	FY 2012 / 2013	FY 2013 / 2014	FY 2014 / 2015	FY 2015 / 2016	
N34	Arterial	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Carson	Carson	I-405 Corridor		\$1,158,000				\$1,158,000

Fully Funded Projects (No Measure R Funding)

Identification		Location		Description	Lead Agency	Nexus
		Facility	Limits			
F27	Ramp	I-405	at Avalon Boulevard	Carson	Caltrans	on/ adjacent to facility
F28	Ramp	I-405	at Wilmington Avenue	Carson	Carson	on/ adjacent to facility



South Bay Measure R Highway Program

Attachment 3

SBCCOG Board January 27, 2011 submission

Fully Funded Projects (No Measure R Funding)

ID	Type	Location		City/County	Description	Lead Agency	Nexus
		Facility	Limits				
F28	Ramp	I-405	at Wilmington Avenue	Carson	Widen Wilmington Avenue from 223rd Street, including I-405 ramp modification.	Caltrans	on/ adjacent to facility
F27	Ramp	I-405	at Avalon Boulevard	Carson	Interchange improvements	Caltrans	on/ adjacent to facility
F57	ITS	Artesia Boulevard	Artesia Boulevard	County	LA County ITS Project: Artesia Boulevard	County	on/ adjacent to facility
N5	ITS	Manchester Boulevard	from Aviation Boulevard to Van Ness Avenue	Inglewood	LA County ITS Project: Manchester Boulevard	County	I-405 Corridor
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	I-405 Corridor
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	I-405 Corridor
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	I-405 Corridor
N21	Arterial	Inglewood Avenue	from Manhattan Beach Boulevard to 156th Street	Lawndale	Inglewood Corridor Capacity Enhancing Project Phase 2: Widen northbound Inglewood Avenue	Lawndale	I-405 Corridor
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	I-405 Corridor
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	I-405 Corridor
N37	ITS	Systemwide	2008 Call for Projects ITS	County	2008 Call for Projects South Bay Forum systemwide operational improvements, coordination and timing, and ITS improvements	County	I-405 Corridor
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	I-110 Corridor
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	I-405 / SR-213 Corridor
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	I-405 Corridor
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	I-405 Corridor



Fully Funded Projects (No Measure R Funding) continued

Identification		Location			Description	Lead Agency	Nexus
ID	Type	Facility	Limits	City/County			
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	I-405 / I-105 / I-110 Corridor
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	I-405 / I-105 Corridor
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	I-405 Corridor