



Agenda Item #: _____

Staff Report

City of Manhattan Beach

TO: Honorable Mayor Montgomery and Members of the City Council

THROUGH: David N. Carmany, City Manager

FROM: Jim Arndt, Director of Public Works
Steve Finton, City Engineer

DATE: January 18, 2011

SUBJECT: Consideration to Approve a Resolution Indicating Support for the South Bay Measure R Highway Program Early Action Project List including \$145 million for the South Bay Region and \$13.3 million for the City of Manhattan Beach in Fiscal Years 2011-2012 through 2015-2016

RECOMMENDATION:

Staff recommends that the City Council pass a motion to adopt Resolution No. 6290 indicating support for the South Bay Measure R Highway Program Early Action Project List.

FISCAL IMPLICATION:

The Measure R Early Action Plan (EAP) includes funding for five street projects in the City of Manhattan Beach totaling \$13,315,000. Funds for these projects would be provided on a reimbursement basis with no local match required.

BACKGROUND:

Measure R is a one-half cent (0.5%) sales tax approved by Los Angeles County voters in November, 2008 to meet the transportation needs of Los Angeles County.

DISCUSSION:

Measure R provides funding in several categories. Two categories, *Local Return* and *Highway Capital Projects* will provide funding to the City of Manhattan Beach.

Local Return

Measure R Local Return funds are provided to cities on a per capita basis. The City began receiving these funds in January 2010 and should receive an estimated \$330,000 per year. The funds can be used for street maintenance, bicycle and pedestrian facilities and transit purposes.

Highway Capital Projects

This program will provide funding for projects in 17 regional project group categories. South Bay agencies will receive funding under the subcategory entitled "Interstate 405, I-110, I-105, and SR-91 Ramp and Interchange Improvements (South Bay)". It is estimated that \$906 million will be

will be available to South Bay agencies over 30 years to fund capacity improvements that benefit the state highway system. Eligibility provisions in the measure have been interpreted to include routes parallel to state highways as well. This funding is identified as “South Bay Measure R Funds”.

The Metropolitan Transportation Authority (Metro) oversees the distribution of South Bay Measure R Funds and will enter into project-specific Memoranda of Understanding (MOU) with lead agencies. The MOUs will establish schedules and budgets for each project. The City has up to five years to spend the funds allocated in a particular fiscal year.

Implementation Plan - Project List

Over the last year, South Bay agencies have been working with the South Bay Cities Council of Governments (SBCCOG) to develop an Implementation Plan identifying eligible projects for South Bay Measure R funds. Agencies submitted their transportation needs and the SBCCOG compiled them into an Early Action Plan (Attachment 1 to Resolution). The City submitted five projects (Attachment 2 to Resolution) for inclusion in the Early Action Plan to be funded in fiscal years 2011-2012 through 2015-2016 as shown below. The Implementation Plan will be revisited annually with opportunities to add projects, and to change project scopes, fund amounts and schedules.

City of Manhattan Beach Early Action Plan Projects:

(A map of locations is provided as Attachment A)

1. Sepulveda Boulevard Bridge Widening

(\$9,100,000, FY 2012-2013, 2014-2015), ID F51

This project would widen the east side of the Sepulveda Boulevard Bridge and add a fourth northbound lane between 33rd Street and Rosecrans Avenue. The City has secured grant funding in the amount of \$8.2 million. These Measure R funds would provide the balance of funding for this estimated \$17.3 million project. This project is in the design phase.

2. Sepulveda Boulevard at Marine Avenue, Dual Left-Turn Lanes, WB to SB

(\$235,000, FY 2011-2012), ID F42

Presently, developer contributions in the amount of \$265,000 are available for this project to widen Marine Avenue east of Sepulveda Boulevard to provide a second westbound to southbound left-turn lane. Measure R funds would supplement current project funding to provide a total of \$500,000. Design of this project is complete and Caltrans permits are being secured.

3. Sepulveda Boulevard at Manhattan Beach Boulevard, Dual Left-Turn Lanes,

WB to SB, NB to WB & EB to NB

(\$980,000, FY 2012-2013), ID F43

Presently, the intersection of Sepulveda Boulevard at Manhattan Beach Boulevard has dual left-turn lanes in the southbound to eastbound direction only. This project would provide dual left-turn lanes in all other directions as well. Current appropriations to this project total \$500,000 Proposition C funds. It is estimated that additional funding in the amount of \$980,000 will be required to secure right-of-way and to complete construction. This project is in the conceptual design phase.

4. Aviation Boulevard at Marine Avenue, Southbound Left-Turn Lanes, SB to EB
(\$1,500,000, FY 2012-2013), ID N13

This project would widen the west side of Aviation Boulevard north of Marine Avenue to provide dual left-turn lanes in the southbound to eastbound direction. This project was previously submitted for funding through an unsuccessful joint Metro Call-for-Projects application submitted by the Cities of El Segundo, Manhattan Beach, Hawthorne and Redondo Beach. This project is in the conceptual design phase.

5. Aviation Boulevard at Artesia Boulevard, Right-Turn Lane, SB to WB
(\$1,500,000, FY 2015-2016), ID N57

This project would widen the west side of Aviation Boulevard north of Artesia Boulevard to provide a southbound to westbound right-turn lane. This project was previously submitted for funding through an unsuccessful joint Metro Call-for-projects application mentioned above and would be designed and constructed in conjunction with a project submitted by the City of Redondo Beach to construct a northbound to eastbound right-turn lane at the same intersection. This project is in the conceptual design phase.

Resolution

The SBCCOG has requested that the governing board of each lead agency confirm their commitment to the projects by approving the attached resolution (Attachment B). This is to demonstrate to Metro that the lead agency concurs with the funding application and are committed to implementing the projects in a timely manner. The SBCCOG Board will make a formal recommendation regarding the Early Action Plan at its Board meeting on January 27, 2011 and will forward their recommendations to the Metro Board in February, 2011 for funding allocation approval.

Attachments:

- A. Map of Manhattan Beach Early Action Plan project
- B. Resolution No. 6290
 - 1. South Bay Measure R Early Action Program Project List
 - 2. City of Manhattan Beach projects on the Early Action Plan
 - 3. Fully Funded Projects (No Measure R Funding)

cc: Henry Mitzner, Controller
Jeanne D. O'Brien, Accountant
Eden Serina, Budget Analyst

RESOLUTION NO. 6290

A RESOLUTION OF THE CITY COUNCIL OF MANHATTAN BEACH, CALIFORNIA, AUTHORIZING SUPPORT FOR THE SOUTH BAY MEASURE R HIGHWAY PROGRAM EARLY ACTION PROJECT LIST INCLUDING \$145 MILLION FOR THE SOUTH BAY REGION AND \$13.3 MILLION FOR THE CITY OF MANHATTAN BEACH IN FISCAL YEARS 2011-12 THROUGH 2015-16

THE CITY COUNCIL OF THE CITY OF MANHATTAN BEACH, CALIFORNIA, DOES HEREBY RESOLVE AS FOLLOWS:

WHEREAS, the Measure R Expenditure Plan as approved by the voters of Los Angeles County in November 2008 will provide approximately \$906 million (in 2008 dollars), or roughly \$1.4 billion 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 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 million 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 Manhattan Beach 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-base basis in the event a funding shortfall develops. (Attachment 3)

NOW, THEREFORE, IT IS HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF MANHATTAN BEACH, CALIFORNIA, AS FOLLOWS:

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

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.

SECTION 5. The City Clerk shall make this Resolution reasonably available for public inspection within thirty (30) days of the date this Resolution is adopted.

SECTION 6. The City Clerk shall certify to the adoption of this Resolution and thenceforth and thereafter the same shall be in full force and effect.

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

Ayes:
Noes:
Absent:
Abstain:

Mayor, City of Manhattan Beach, California

ATTEST:

City Clerk

South Bay Measure R Highway Program

Attachment 1

SBCCOG Board January 27, 2011 submission

Early Action Projects

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
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 I-405	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$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 I-405	\$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 I-405	\$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 SR-1		\$400,000				\$400,000
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	on/ adjacent to SR-1	\$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 SR-1	\$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 SR-1		\$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 SR-1				\$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 SR-1	\$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 SR-1	\$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 SR-1	\$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 SR-1	\$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 SR-1	\$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 SR-1	\$1,300,000	\$18,000,000	\$300,000			\$19,600,000
F53	Intersection	Pacific Coast Highway	at Walnut	Lomita	Improve receiving lane of northern leg of intersection	Lomita	on/ adjacent to SR-1	\$50,000	\$450,000				\$500,000
F56	Intersection	Western Avenue	at Palos Verdes Drive North	Lomita	Intersection improvements	Lomita	on/ adjacent to SR-213	\$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 I-405	\$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 SR-1	\$4,000,000	\$2,000,000				\$6,000,000

Early Action Projects (continued)

Identification		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
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 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 ICF 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

Attachment 2

Lead Agency Jurisdiction: Manhattan Beach

Early Action Projects			Location		South Bay Measure R Funding Allocation								
Identification	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
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
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	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
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
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
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

South Bay Measure R Highway Program

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 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

ID	Identification Type	Location		City/County	Description	Lead Agency	Nexus
		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