

Revised Motion by Directors Najarian, Dubois, O'Connor, and Knabe

February 16, 2012

Measure R Regional Funds "Alignment" Motion

In 2008 Measure R was passed by voters to move transportation projects forward to improve mobility throughout Los Angeles County through specific transit and highway projects. Not every subregion was the beneficiary of a major transit project and some sub region transit projects are included only in the 3rd decade of Measure R.

In an effort to "balance the scales," between "transit" and "highway" projects subregional Measure R funds were allocated to provide equity to those cities/subregions that did not have major transit projects included in the ordinance or were included only in the latter decades.

To further balance these scales, we believe that cities/subregions applying for current and future Call for Projects should be allowed to use these highway "equity funds" as a local match for future Call-for-Projects, as is currently the case with Prop A and C local funds.

Measure R Highway "equity funds" are local sales tax funds and should not be included in any current or contemplated MTA policy, (a) which places restrictions on state and federal funds for *Call for Projects* match, or (b) would impose MTA-policy requirements not anticipated in the legislative intent of the 2008 Measure R; as they were specifically assigned to those subregions for transportation and mobility improvement purposes.

The information requested at the January 2012 Planning and Programming Committee is included in Attachment A.

WE, THEREFORE, MOVE:

1. That Measure R highway "equity" funds shall be allowed to be used as a source of local match for future *Call for Projects* applications;
2. That Measure R regional funding categories be brought into alignment with the same guidelines used with Propositions A and C as reflected in the last paragraph of this Motion; and
3. MTA staff shall integrate this Measure R Highway subfund policy into the Call for Projects process, and will advise the Board in April on how this policy is integrated into the Call and on initiating the 2013 Call for Projects process.

**Metro****ATTACHMENT A****FEBRUARY 3, 2012**

TO: BOARD OF DIRECTORS

THROUGH: ARTHUR T. LEAHY *ATL*
CHIEF EXECUTIVE OFFICER

FROM: MARTHA WELBORNE, FAIA *CEA*
EXECUTIVE DIRECTOR, COUNTYWIDE PLANNING

SUBJECT: MEASURE R REGIONAL FUNDS "ALIGNMENT" MOTION
ADDITIONAL INFORMATION

ISSUE

At the January 18, 2012 Planning and Programming meeting, Directors Najarian, Dubois, O'Connor and Knabe agendized a motion to allow Measure R Highway "equity" (subregional) funds to be used as a source of local match for future Call for Projects applications. Questions arose as to the source of these funds, types of eligible projects, and a list of approved projects currently being funded. This Board Box provides the requested information.

DISCUSSION

The Measure R Highway Subfund approved by the Los Angeles County voters in 2008 included Highway Operational Improvement projects for the Arroyo Verdugo (\$170 million), and Las Virgenes/Malibu (\$175 million) Subregions as well as Ramp and Interchange Improvements for the I-405, I-110, I-105 and SR-91 in the South Bay (\$906 million), I-605 Corridor "Hot Spot" Interchanges (\$590 million), BNSF Grade Separations (\$35 million) and I-710 South and/or Early Action projects (\$590 million) in the Gateway Cities. To clarify the definition of Operational and Ramp/Interchange Improvements, we formed a Highway Advisory Committee. Representatives from each Council of Governments, City and County of Los Angeles and Caltrans composed the Committee which met six times. The work of the Committee was incorporated into the 2009 Long Range Transportation Plan approved by the Board in October 2009.

With regard to the definition clarification for Operational and Ramp/Interchange Improvements, the Committee requested as much flexibility as possible. Therefore, both Soundwalls (which are not eligible for the Call for Projects) and Bike Lanes are eligible for up to 20% of the funds in the Arroyo Verdugo, Las Virgenes/Malibu and South Bay subregions. Additionally, intersection and street widening projects on roadways generally within a one-mile corridor of a State

highway are also eligible. Other types of eligible projects include, but are not limited to park and ride facilities, turnouts, safety improvements (also not eligible for the Call for Projects) that reduce incident delay to name a few. Attachment A lists the types of Board approved eligible projects.

To receive Measure R Highway Operational Improvement funds, each subregion must submit an approved project list for a nexus analysis prior to Board consideration. The Board approved five-year implementation plans for the Arroyo Verdugo, Las Virgenes Malibu and South Bay Subregions. These approved project lists are included in Attachment B. To date, project lists have not been approved for the I-605 Corridor "Hot Spots" Interchanges, BNSF Grade Separations and I-710 South and/or Early Action projects in the Gateway Cities.

Call for Projects

Given that Measure R funds are a relatively new funding source, there has been no prior Board direction on the use of Measure R Highway sub-regional funds in the Call for Projects process. In the 2011 Call for Projects, we restricted these funds from being used as local match since subregional dollars were not available in all subregions. (Local match consists of a minimum required match and an optional "overmatch" that can be awarded up to 10 points based on a sliding scale).

As a policy decision, the Board has discretion to allow Measure R Highway sub-regional funds to be used as local match for the Call for Projects as long as the project being considered is 1) eligible for Measure R Highway sub-fund money; and 2) eligible to compete in one of the Call for Projects modal categories. It should be noted that Measure R Highway sub-regional funds are a different funding source than Measure R Local Return funds. Measure R Local Return funds are currently eligible as local match in the Call.

NEXT STEPS

Based on Board direction, we will incorporate changes to future Call for Projects applications and return to the Board in April for Board consideration of initiating the 2013 Call for Projects process.

ATTACHMENTS

- A. Project Eligibility for Highway Operational Improvement and Ramp/Interchange Improvements
- B. Approved Project List for Arroyo Verdugo, Las Virgenes/Malibu, and South Bay Subregions

(D-1)

Clarification on Project Eligibility for Highway Operational Improvement and Ramp/Interchange Improvements

The intent of a Measure R Highway Operational Improvement is to improve traffic flow in an existing State Highway corridor by reducing congestion and operational deficiencies at spot locations that do not **significantly** expand the design capacity of the system and are intended to address recurrent congestion. In addition to those eligible projects on the State Highway System, for Measure R, projects located on **primary roadways located generally within a one mile** corridor of any State Highway, **including principal arterials, minor arterials, and key collector roadways**, will be considered eligible for Operational Improvements and for ramp and interchange improvements. Examples of **eligible** improvement projects include:

- interchange modifications (but not to accommodate traffic volumes that are significantly larger than the existing facilities were designed for);
- ramp modifications (acceleration - deceleration/weaving);
- auxiliary lanes for merging or weaving between adjacent interchanges;
- curve corrections/improve alignment;
- signals and/or intersection improvements;
- two-way left-turn lanes;
- **intersection and street widening;**
- **traffic signal upgrade/ timing/synchronization;**
- **traffic surveillance;**
- channelization;
- **Park and Ride facilities;**
- turnouts;
- shoulder widening/**improvement;**
- **safety improvements that reduce incident delay.**

Up to 20% of the Arroyo Verdugo and Las Virgenes/Malibu Subregions' Operational Improvement dollars may be used for soundwalls and bike lanes.

Other projects could be considered on a case-by-case basis as long as a nexus to State Highway Operational Improvements can be shown.

*Bolded words reflect Committee's input

**Arroyo Verdugo Subregion Measure R Highway Operational Improvements
Project List - Proposed Revised Project List and Funding Reallocations**

NOTE: Fiscal Years subject to MTA priority setting & budget processes.	Revised Cash Flow (\$000's)						Total
	2010	2011	2012	2013	2014	2015	
PRIORITY PROJECTS							
Burbank							
San Fernando Blvd. / Burbank Blvd. Intersection Improvement	2,000	3,000	3,000				8,000
Widen Magnolia Blvd / I-5 Bridge for center-turn lane, standard lanes, shoulders			5,000	500	2,500		8,000
I-5 Corridor Arterial Signal Improvements				1,000	1,300		2,300
SR-134 Corridor Arterial Signal Improvements				200	500	450	1,150
Widen Olive Ave / I-5 Bridge for center-turn lane, standard width lanes, shoulders				200	500	450	1,150
I-5 / Olive Avenue-Verdugo Avenue Northbound Ramps Auxiliary Lane					400		400
TOTAL BURBANK	2,000	3,000	3,000	1,000	1,300		10,300
REVISED TOTAL BURBANK			5,000	900	3,900	900	10,700
La Canada Flintridge							
Soundwalls on Interstate 210		300	600	3,188	500		4,588
TOTAL LA CANADA FLINTRIDGE		300	600	3,188	500		4,588
REVISED TOTAL LA CANADA FLINTRIDGE			600	3,188	800		4,588
Glendale							
Frontage Rd. South of SR-134 between Brand Blvd. and Geneva St.					150		150
Glendale Narrows Riverwalk Bridge				100	300		400
Construction of Citywide Bicycle Facilities			100	300			400
SR-2 / I-134 Interchange Fwy-to-Hwy Ramp Meters		300	1,300	1,400			3,000
SR-134 / Pacific Avenue Eastbound Offramp Widening					300		300
SR-134 / Pacific Avenue Westbound Offramp Widening					300		300
SR-134 Central Avenue Eastbound Offramp Widening		1,500	2,000				3,500
Grandview and Sonora Avenue At-Grade Rail Crossing Imp.	2,200					300	2,200
Fairmont Ave. Grade Separation at San Fernando Rd.	3,000		2,425	4,425			6,850
SR-134 / Glendale Ave. Interchange Modification		1,500	1,500	700			2,000
SR-134 Ramps / Harvey Dr. / Wilson Ave. Signal & Street Widening				150	950		1,100
Sonora Ave. At-Grade Rail Crossing Safety Upgrade	2,000			75	575		650
SR-2 / Holly Dr. Interchange Ramp Signalization				250	250		500
Monterey Rd. Extension to Glenoaks Blvd. over Verdugo Wash				400	500		600
SR-2 / Verdugo Blvd. Intersection Signalization							
I-5 / SR-134 TSM Project SR-2 to Hollywood Way Incl. Ramp Meters, CCTV, CMS						100	100
SR-134 / Brand Blvd. Westbound Offramp Widening							
Glendale Narrows Bikeway Culvert			25	375			400
Verdugo Road Signal Upgrade			700				700
Traffic Signal Sync Brand/Colorado-San Fernando/Glendale-Verdugo				1,250			1,250
Verdugo Rd / Honolulu Ave./Verdugo Blvd. Intersection Modification				75	675		750
Central Ave. Improvements / Broadway to SR-134 EB Offramp			250	3,000			3,250
TOTAL GLENDALE	5,200	3,300	4,800	1,900	2,300		17,500
REVISED TOTAL GLENDALE			4,800	10,300	1,700	400	17,200
TOTAL BURBANK	2,000	3,000	3,000	1,000	1,300		10,300
TOTAL LA CANADA FLINTRIDGE		300	600	3,188	500		4,588
TOTAL GLENDALE	7,200	3,300	4,800	1,900	2,300		19,500
REVISED TOTAL BURBANK			5,000	900	3,900	900	10,700
REVISED TOTAL LA CANADA FLINTRIDGE			600	3,188	800		4,588
REVISED TOTAL GLENDALE			4,800	10,300	1,700	400	17,200
TOTAL First 5 Year Cash Flow	9,200	6,600	8,400	6,088	4,100		34,388
REVISED TOTAL First 5 Year Cash Flow			10,400	14,388	6,400	1,300	32,488

* Strikeout - Project and/or funding has been removed/changed

* *Italic* - New Project

**Las Virgenes/Malibu Subregion Measure R Highway Operational Improvements
Project List - Proposed Revised Project List and Funding Reallocations**

NOTE: Fiscal Years subject to MTA priority setting & budget processes.	Cash Flow (000's)							Total
	2010	2011	2012	2013	2014	2015	2016	
PRIORITY PROJECTS								
Agoura Hills								
Palo Comando Interchange	860		2,000		8,000	6,000	6,000	22,000
	590							590
Roundabout	250			5,000				5,000
	125							125
Agoura Road Widening	500							500
	885	5,000						5,885
Citywide Signal Sync / Traffic Operations Control Center			2,000					2,000
Kanan Road Overpass - PSR, PR, PS&E						5,000		5,000
Agoura Hills Multi-Modal Center								
Kanan Bridge Widening								
TOTAL AGOURA HILLS	1,600	5,000	4,000	5,000	8,000	11,000	6,000	40,600
REVISED TOTAL AGOURA HILLS	1,600	5,000	4,000	5,000	8,000	11,000	6,000	40,600
Westlake Village								
Route 101 / Lindero Canyon Rd. Interchange Improvements	975	8,525						9,500
Highway 101 Park and Ride		2,100						2,100
		2,500						2,500
Arterial Capacity Enhancement and Emergency Relief Project			1,500					1,500
			1,100					1,100
TOTAL WESTLAKE VILLAGE	975	10,625	1,500					13,100
REVISED TOTAL WESTLAKE VILLAGE	975	11,025	1,100					13,100
Malibu								
Malibu Canyon Road Widening					800	1,000	2,200	4,000
Malibu / Civic Center Way Widening					1,000		3,000	4,000
Malibu / Pacific Coast Highway Bike Lane						1,000	5,000	6,000
TOTAL MALIBU					1,800	2,000	10,200	14,000
Calabasas								
Lost Hills Overpass and Interchange	2,500		7,000	7,000				16,500
Muholland Highway Scenic Corridor Completion	250			2,000				2,250
Parkway Calabasas / US 101 SB Offramp	350							350
Las Virgenes Scenic Corridor Widening		2,000						2,000
Mureau Road Overpass					500			500
Off-Ramp for US 101 at Las Virgenes Road					500			500
Muholland Highway Hillside Removal							2,000	2,000
Liberty Cyn. Overpass								
TOTAL CALABASAS	3,100	2,000	7,000	9,000	1,000	0	2,000	24,100
TOTAL AGOURA HILLS	1,600	5,000	4,000	5,000	8,000	11,000	6,000	40,600
TOTAL WESTLAKE VILLAGE	975	10,625	1,500	0	0	0	0	13,100
REVISED TOTAL WESTLAKE VILLAGE	975	11,025	1,100	0	0	0	0	13,100
TOTAL MALIBU	0	0	0	0	1,800	2,000	10,200	14,000
TOTAL CALABASAS	3,100	2,000	7,000	9,000	1,000	0	2,000	24,100
TOTAL First 5 Year Cash Flow	5,675	17,625	12,500	14,000	10,800	13,000	18,200	91,800
REVISED TOTAL First 5 Year Cash Flow	5,675	18,025	12,100	14,000	10,800	13,000	18,200	91,800

* Strikeout - Project and/or funding has been removed/changed

South Bay Measure R Highway Program

Identification		Location		Description	Lead Agency	South Bay Measure R Funding Allocation						
ID	Type	Facility	Limits			FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	Total Allocation
Early Action Contingency							\$5,000,000		\$1,000,000			\$5,000,000
Program Contingency							\$4,000,000					\$4,000,000
Program Development & Oversight						\$784,000	\$608,000	\$608,000	\$192,000	\$830,000	\$800,000	\$3,822,000
Program Administration						\$134,000	\$134,000	\$134,000	\$138,000	\$142,000	\$146,000	\$828,000
Strategic Positioning Projects Reserve										\$5,300,000	\$12,900,000	\$18,200,000
F38	Auxiliary lane	I-110	SB: I-405 to Del Amo Boulevard Undercrossing	PSR/PDS: New auxiliary lane on SB I-110 from I-405 to Del Amo undercrossing	Caltrans		\$150,000					\$150,000
B7	Arterial & Ramp	I-405	at 182nd St. / Crenshaw Boulevard	PSR and PAED: Operational improvements on freeway ramp elements	Caltrans		\$1,700,000					\$1,700,000
B7	Arterial & Ramp	I-405	at 182nd St. / Crenshaw Boulevard	PSR and PAED: Operational improvements on street elements	Torrance		\$300,000					\$300,000
F58	Interc.	I-405	at I-110	PSR/PDS: Construct new flyover ramp connecting the NB I-405 to SB I-110	Caltrans		\$1,000,000					\$1,000,000
F2	Ramp	I-405	at Manchester Blvd.	Early Action: Improve turn radii at northbound I-405 off-ramp at Manchester Boulevard	Caltrans/Inglewood		\$186,000					\$186,000
F11	Arterial	Rosecrans Avenue	From I-405 Southbound off-ramp to Isis Avenue	Widen Rosecrans Avenue to accommodate southbound off-ramp receiving lane.	Hawthorne		\$2,100,000					\$2,100,000
F29	ITS	I-405 & Arterial Roadways	Imperial Highway to Carson on I-405 and Parallel Arterials	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			\$5,000,000	\$2,000,000			\$7,000,000
F39	Arterial	Sepulveda Boulevard	from Imperial Highway to El Segundo Boulevard	PCH Study Improvements: Implement PCH Study Recommendations	El Segundo					\$400,000		\$400,000
F41	Arterial	Sepulveda Boulevard	from 33rd Street to south of Rosecrans Avenue	Add one northbound lane by widening bridge no. 53-62	Manhattan Beach			\$4,550,000	\$4,550,000			\$9,100,000
F42	Intersection	Sepulveda Boulevard	at Marine Avenue	Add westbound dual left turns	Manhattan Beach		\$235,000					\$235,000
F43	Intersection	Sepulveda Boulevard	at Manhattan Beach Boulevard	Add northbound, westbound and eastbound dual left turn lanes and southbound right-turn lane	Manhattan Beach			\$980,000				\$980,000
F44	Intersection	Pacific Coast Highway	at Aviation Boulevard	Add southbound dual left turn lanes	Hermosa Beach						\$1,000,000	\$1,000,000
F45	Arterial	Pacific Coast Highway	from Artesia Boulevard to Anita Street	PCH Study Improvements: Implement PCH Study Recommendations	Hermosa Beach		\$240,000					\$240,000
F46	Arterial	Pacific Coast Highway	from Anita Street to Palos Verdes Boulevard	PCH Study Improvements: Implement PCH Study Recommendations	Redondo Beach		\$1,400,000					\$1,400,000
F47	Intersection	Pacific Coast Highway	at Torrance Boulevard	Add northbound right-turn lane	Redondo Beach		\$58,500	\$526,500				\$585,000
F48	Intersection	Pacific Coast Highway	at Palos Verdes Boulevard	Install westbound right-turn lane	Redondo Beach		\$32,000	\$288,000				\$320,000
F49	Arterial	Pacific Coast Highway	from Palos Verdes Boulevard to Crenshaw Boulevard	PCH Study Improvements: Implement PCH Study Recommendations	Torrance		\$1,840,000		\$184,000			\$1,656,000
F51	Intersection	Pacific Coast Highway	at Hawthorne Boulevard	Add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades	Torrance		\$1,300,000		\$300,000	\$18,000,000		\$19,600,000
F53	Intersection	Pacific Coast Highway	at Walnut	Improve receiving lane of northern leg of intersection	Lomita			\$50,000	\$450,000			\$500,000
F56	Intersection	Western Avenue	at Palos Verdes Drive North	Intersection improvements	Lomita			\$40,000	\$360,000			\$400,000
F60	ITS	I-405, I-110, I-105, SR-91	at freeway ramp/arterial signalized intersections	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		\$5,000,000					\$5,000,000
FN 1	ITS	Pacific Coast Highway and Parallel Arterials	From Imperial Highway to Artesia Boulevard	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			\$4,000,000	\$2,000,000			\$6,000,000
FN 2	ITS	Pacific Coast Highway and Parallel Arterials	Palos Verde Blvd to I-110	PCH South Corridor-- Torrance Area ATMS. Improve traffic operations and implement ITS Elements	Caltrans			\$3,000,000				\$3,000,000
N6	ITS	Various	Various	4th Phase of Citywide ITS Master Plan (central computer system with fiber optic interconnection linking all signalized intersections for two-way communications)	Inglewood		\$300,000	\$3,200,000				\$3,500,000
N13	Intersection	Aviation Boulevard	at Marine Avenue	Add dual southbound left-turn lanes. Aviation Boulevard Phase 1: Intersection Projects	Manhattan Beach				\$1,500,000			\$1,500,000
N14	Intersection	Aviation Boulevard	at Marine Avenue	Construct westbound right-turn lane.	Hawthorne			\$600,000				\$600,000
N17	Intersection	Aviation Boulevard	at Artesia Boulevard	Construct eastbound right-turn lane.	Redondo Beach		\$22,000					\$22,000
N18	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Add southbound right-turn lane south of railroad tracks to Manhattan Beach Boulevard	Redondo Beach				\$517,500	\$4,657,500		\$5,175,000
N19	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Install eastbound right-turn arrow	Redondo Beach		\$30,000					\$30,000

Identification		Location		Description	Lead Agency	South Bay Measure R Funding Allocation					
ID	Type	Facility	Limits			FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
N22	Arterial	Inglewood Avenue	from 156th Street to I-405 southbound on-ramp	Extension of Phase 2 widening to I-405 southbound ramp	Lawndale		\$100,000	\$400,000			\$500,000
N25	ITS	Various	Citywide	Traffic Signal Improvements Citywide	Lawndale			\$150,000		\$1,350,000	\$1,500,000
N26	Arterial	Hawthorne Boulevard	El Segundo Boulevard to Rosecrans Avenue	Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.	Hawthorne			\$4,171,372			\$4,171,372
N32	Arterial	Del Amo Boulevard	from Normandie Boulevard to Vermont Avenue	Reconstruct and widen from one lane in each direction to two lanes in each direction	County		\$500,000	\$500,000	\$1,000,000	\$24,920,250	\$26,920,250
N34	Arterial	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Widen from four lanes to six lanes, rehabilitate bridge.	Carson			\$1,158,000			\$1,158,000
N42	Arterial	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Install median, left turn pockets, intersection upgrade.	Gardena		\$300,000	\$317,000	\$4,523,000		\$5,140,000
N46	Arterial	Vista Del Mar	north of southern City Limit	Roadway safety improvements: realign S-Curve	El Segundo			\$150,000		\$1,350,000	\$1,500,000
N47	Intersection	Maple Avenue	at Sepulveda Boulevard	Add southbound right-turn pocket	Torrance		\$60,000	\$540,000			\$600,000
N53	Intersection	Artesia Boulevard	at Western Avenue	Add westbound dual left turns.	Gardena		\$75,000		\$600,000		\$675,000
N57	Intersection	Aviation Boulevard	at Artesia Boulevard	Construct southbound right-turn lane.	Manhattan Beach					\$1,500,000	\$1,500,000
N58	Intersection	Aviation Boulevard	at Artesia Boulevard	Construct northbound right-turn lane.	Redondo Beach		\$847,000				\$847,000
N67	Arterial	Vermont Avenue	From Rosecrans Avenue to 182nd Street	Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work	Gardena		\$150,000	\$132,000	\$2,068,000		\$2,350,000
N69	Arterial	Maple Avenue	from Sepulveda Boulevard to Parkview Avenue	Improve signage and roadway to provide a connection between northbound Sepulveda Boulevard and the eastbound I-105 ramps.	El Segundo		\$2,500,000				\$2,500,000
P4*	Park and Ride and Intersection	Torrance Transit Park and Ride Regional Terminal Project	465 Crenshaw Boulevard	Construct a regional Transit Center including an 8 bus berth transit center building, a kiss-n-ride passenger drop-off, and a park-and-ride vehicle lot for 250 vehicles for the initial parking space provision	Torrance		\$1,000,000	\$10,500,000	\$10,600,000 \$6,600,000		\$21,000,000 \$18,100,000
Torrance Transit Center Contingency Projects (Note: These projects will only be funded as part of the Early Action Program of the South Bay Measure R Hwy Program with funds that remain from the Torrance Transit Center allocation following its completion.)											
F55	Intersection	Western Avenue	at Sepulveda Boulevard	Add northbound left-turn lane; widen and restripe for dual eastbound left-turn lanes and westbound right-turn lanes, modify signals	Torrance						\$ TBD*
F52	Intersection	Pacific Coast Highway	at Crenshaw Boulevard	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. Add an eastbound far side bus turn-out.	Torrance						\$ TBD*
F50	Intersection	Pacific Coast Highway	at Vista Montana/Anza Avenue	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	Torrance						\$ TBD*
F50*	Intersection	Pacific Coast Highway	at Vista Montana/Anza Avenue	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	Torrance			\$2,900,000			\$2,900,000
B9	Intersection	190th Street	190th Street Intersection Projects	Bundled Projects Group 9: N27, N28, N29	Torrance						\$ TBD*
N27	Intersection	190th Street	at Prairie Avenue	Add dual northbound right-turn lanes and restripe for three westbound through lanes	Torrance						\$ TBD*
N28	Intersection	190th Street	at Van Ness Avenue	Widen signalized intersection and restripe to add three through lanes for westbound and eastbound and prohibit on-street parking and upgrade traffic signal	Torrance						\$ TBD*
N29	Intersection	190th Street	at Crenshaw Boulevard	Reconstruct intersection (remove median and restripe) - Add one northbound left-turn lane, part of Bundle B9	Torrance						\$ TBD*

* In Feb 2011, Board approved \$21 million for Torrance Transit Center Project but project was determined to be only eligible for \$18.1 million funding with remaining \$2.9 million funds to go towards previously approved Torrance contingency project, Project

Total Funding Allocation

FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	Total
\$918,000	\$26,641,600- \$24,801,500	\$36,643,500	\$36,849,872- \$36,033,872	\$57,699,750	\$18,699,000- \$20,355,000	\$176,451,622