

SOUTH BAY CITIES COUNCIL OF GOVERNMENTS

INFRASTRUCTURE WORKING GROUP LUNCH MEETING

Wednesday, November 28, 2012 from 11:30 A.M. – 1:30 P.M.

LOCATION: Blue Water Grill, 665 North Harbor Drive, Redondo Beach 90277

For map of location go to: www.bluewatergrill.com

Cost of lunch, including soft drinks, coffee, and tip, is \$25.00 per person and must be paid in cash; **no credit cards. Payment will be collected during the meeting. Lunch selection will be available at the meeting. To ensure seating for everyone, please RSVP your attendance by close of business, Monday, November 26, 2012 to Marcy Hiratzka at: Marcy@southbaycities.org**

SOCIAL & ORDER LUNCH - 11:30 A.M. to Noon MEETING – 12:00 P.M. to 1:30 P.M.

- 12:00 p.m.** **Self-Introductions & Approval of Meeting Notes** (Attachment A) - Rob Beste
- 12:05 p.m.** **Agency & Other Reports**
- **SBCCOG** – Program update - Steve Lantz, SBCCOG
 - **SOUTH BAY TRAFFIC FORUM, LA County Dept. of PW** – Status – Jane White
 - **Caltrans** – Update - Aziz Elattar
 - **Metro** – PMIS Update, Board Update
 - **Metro TAC & Streets and Freeway Subcommittee** – Update – Rob Beste
- 12:20 p.m.** **South Bay COG boundaries** (Attachment B) – Steve Lantz
- 12:30 p.m.** **Measure R SBHP Project Spotlight** - Marine Ave., City of Hawthorne (Attachments C1, C2) - Akbar Farokhi
- 12:45 p.m.** **Measure R Updates** – Steve Lantz
- **SBHP Project Progress Chart** (Attachment D)
 - **Metro Call for Projects and PSR/PSRE Preparation Update** (Attachment E)
 - **Three-Month Look Ahead** (Attachment F)
 - **Measure J ballot measure Update**
 - **Metro Measure R SBHP Budget Request** (Attachment G)
- 1:10 p.m.** **2013 IWG Meeting Dates** (Attachment H) – Rob Beste, IWG Chair
- 1:20 p.m.** **Other Business** – Rob Beste, IWG Chair
- 1:30 p.m.** **Adjournment** — **Note:** *No IWG meeting in December 2012. Next IWG meeting January 16, 2013. If you want to include an item in the agenda, please send e-mail to: Marcy@southbaycities.org by January 8, 2013.*

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South Bay Cities Council of Governments

Infrastructure Working Group October 24, 2012 – Meeting Notes

Attendees: Rob Beste, Chair (Torrance); Farrokh Abolfathi (Carson); Stephanie Katsouleas (El Segundo); Frank Bigdeli & John Felix (Gardena); Akbar Farokhi & Alan Leung (Hawthorne); Frank Senteno (Hermosa Beach); Louis Atwell & Keith Lockhard (Inglewood); Steve Huang, Elaine Jeng, & John Mate (Redondo Beach); Greg Grammer (Rolling Hills Estates); Craig Bilezerian & Ted Semann (Torrance); Andres Narvaez & Jane White (LA County DWP); Fulgene Asuncion (Metro); Mike Bohlke (Representing Metro Director, Pam O'Connor); Marcy Hiratzka & Steve Lantz (SBCCOG); Todd Short (Base Architecture); Jeff Heald (DKS Associates); Samia Maximous (Dames Engineering Services); Beverly Voran (Hard Hat Communications); Scott Carlson, Alan Clelland, & Alek Hovsepian (Iteris, Inc.); Danisha Lockhart-Moore, Bill Price, Eric Sloan, & Dr. Revlyn Williams (Manchester Community Technologies); Claudette Moody (Parsons Brinckerhoff); Anissa Voyiatzes (Psomas); Gary Miller (RBF Consulting)

Chair Beste called IWG meeting to order at 12:06pm.

I. **Self-Introductions and Approval of Minutes** – Minutes were approved as presented.

II. **Agencies & Other Reports:**

- **SBCCOG – Program update** - Steve Lantz reported that SBCCOG staff and several Councilmembers representing various South Bay Cities were attending meetings with the California Public Utilities Commission in Irvine that same day. One of the issues that Mr. Lantz brought to Jacki Bacharach, SBCCOG Executive Director, was that only phone companies can implement broadband projects and cities should be eligible to be awarded the PUC grants. Mr. Lantz distributed flyers for the Energy Efficiency & Renewable Energy Financing Workshop that is being hosted by the San Gabriel Valley COG on *Thursday, November 15th - 8:45-11:30 a.m. West Covina Cameron Park Community Center, 1305 East Cameron Avenue, West Covina, CA 91790*. Learn about the financing programs offered by the Southern California Regional Energy Center (SoCalREC) and the Property Assessed Clean Energy (PACE) program. SoCalREC recently established a financing program that provides low interest rate loans, no upfront costs, and standardization of documentation and processing. Municipalities can take advantage of these benefits to finance both energy efficiency and other sustainability projects.
- **South Bay Traffic Forum, LA County Dept. of Public Works – Status** – Jane White distributed the South Bay Traffic Forum Status Report for October. The final detailed plans for the South Bay Fiber Interconnect ITS Project is being reviewed by the County and will soon need affected cities to sign off. Negotiations are being continued with Econolite to purchase the Centracs system for Econolite controller locations in Carson, Hawthorne, Torrance, and Redondo Beach.
- **Caltrans – Update** - Aziz Elattar, newly appointed Planning Deputy District Director, was unable to attend, but Mr. Lantz reported that he met with Mr. Elattar and Lan Saadatnejadi of MTA and discussed PSRs and PSREs. Mr. Elattar is exploring changes in Caltrans procedures to simplify the Caltrans approval process by substituting a permit process for a PSR. Mr. Lantz noted that Metro still requires the PSR / PSRE report to accompany its Call for Projects applications.
- **Metro – Mandatory PMIS Training Update, Board Update-** Fulgene Asuncion reported that 2 of 3 training sessions have taken place for South Bay Cities lead agencies. The third will be held on October 25, and then login information will be sent to each participant soon after. Some technical changes are being made as a result of the initial training. Ms. Asuncion also provided flyers for a green construction policy training, hosted by CARB and MTA on November 8 from 2-4 pm at Long Beach Public Works Department Offices.
- **Metro TAC & Streets and Freeway Subcommittee – Update** – Ted Semaan reported (on behalf of Chair Beste) that the Call for Projects was the main topic of discussion. Steve Lantz reminded everyone that that the 2013 Call for Projects draft application package will go before the MTA Board tomorrow and local funding in excess of the minimum required local match in each Call category will only earn a project 5 points instead of 10 in previous Calls. Mr. Semaan also mentioned that the California Natural Resources Agency and Caltrans have announced the joint release of the Guidelines and Application for the Environmental Enhancement and Mitigation Program. This program offers \$10 million each year for grants to local, state, and federal governmental agencies and to nonprofit organizations. Eligible projects must be directly or indirectly related to the environmental impact of the modification of an existing transportation facility or construction of a new transportation facility. Applications are due on January 4, 2013.

III. **South Bay ITS Plan Project Survey Results** - In order to assess which of the 8 South Bay ITS projects to submit for the 2013 MTA Call, Iteris had distributed a survey to all of the South Bay lead agencies. The surveys asked each agency to indicate

either *support*, *neutral*, or *oppose* for each project, and whether or not it would be willing to serve as the project's lead agency. Based on the results of the survey, 4 of the 8 ITS projects will be submitted for the call: Arterial Detection Gap Project, Event Information Sharing System, Emergency Fall Back Power Project, and SR-110 Harbor Freeway ICMS. Mr. Clelland thanked all the agencies for their input. These projects will go into the implementation plan under ITS.

- IV. **South Bay Strategic Transportation Element (STE) Recommendations** – Alan Clelland gave a brief presentation, describing the timeline of remaining scope and schedule tasks to be completed (assess candidate projects to goals and objectives, establish performance targets and monitoring process, and final STE document). Data needs were identified for evaluations and monitoring, and 45 intersections have been found to be viable candidates for advanced detectors to be co-used as system detectors in the South Bay Highway Program Detection Plan.
- V. **South Bay COG boundaries** (Attachment B) – Steve Lantz said that Jacki Bacharach recently discovered that the SBCCOG has no officially adopted boundaries. With the need to consider eligibility of infrastructure projects within the Measure R South Bay Highway Program, a question has arisen regarding SBCCOG boundaries in the City and County of Los Angeles. The SBCCOG Steering Committee proposed boundaries that would cross the City of Los Angeles (District 15) at Alondra Blvd and that would not include the unincorporated community of West Athens (northeastern border ends at El Segundo Blvd). On October 23, a second option was created at the request of Supervisor Ridley-Thomas' office. It would extend the City of LA's northern boundary as well. This second option includes West Athens (northeastern border ends at 105 freeway). This issue will be brought before the SBCCOG Board on October 25, in an effort to clarify the SBCCOG's borders with enough time to support the appropriate projects for the 2013 Call.
- VI. **Measure R Updates** – Steve Lantz made the following remarks:
- **Measure R Quarterly Report** (Attachment C)- This report reflects a lot of work that is currently going on. This is the first time this report has been released, so please ask if you have questions. Chair Beste emphasized the importance of lead agencies keeping their project schedules constantly updated in their monthly reporting.
 - **SBHP Project Progress Chart** (Attachment D)- This Gantt chart shows the status of projects' schedules. If a project is more than 6 months late, it is labeled in red and the Funding Agreement will require an amendment. Please be mindful that Metro wishes to avoid amending Funding Agreements for little changes. Alan Clelland reminded everyone that if a project falls behind in schedule, costs will increase.
 - **Draft SBHP Candidate Projects List** (Attachment E)- these will be included in the update of the SBHP Implementation Plan. From this list, projects will be selected for preparation of 2013 Metro Call for Projects applications. This is a living document and will be constantly updated as requested by lead agencies. The SBCCOG wants to keep current with changes in lead agency priorities such as a new Public Works Director or City Council change may lead to changes in lead agency's priority of projects.
 - **Metro Call for Projects and PSR/PSRE Preparation Update-** 1 Gardena, 2 Torrance, and 2 Inglewood projects are requesting assistance. The SBCCOG funding for technical assistance is almost fully committed and the PSR deadline is fast approaching so the SBCCOG is officially closing this financial assistance opportunity for this round.
 - **Program Management Course Update-** The SBCCOG had nothing but positive feedback. Certificates of participation or completion will be mailed with a voluntary quiz and evaluation survey; those who pass the quiz may use their hours of participation for Continuing Education Credits. The SBCCOG will archive the class materials, but the consulting firm who facilitated the course has asked that the materials not be shared with anyone who did not attend the sessions. The Gateway Cities COG is also interested in providing this course to its member agencies.
 - **Measure J ballot measure Update** (Attachment G)- Mike Bohlke expressed his hope that Metro will protect funding for second and third decade projects as it accelerates funding by committing future Measure R for debt service on the accelerated projects. Steve Lantz mentioned the issue of unintended consequences, should the Measure pass. Rail projects would be accelerated by Metro converting Measure R Transit Subfund escalation contingency funds into acceleration debt service funds. We do not believe that Measure R Highway Subfunds have been committed, but Metro has not yet adopted a policy addressing what happens to the Highway Subfund Contingency funds if Highway Subfund projects are swapped to fund new rail projects within the Transit Subfund. Mr. Bohlke hopes that the escalation funding from the highway subfund will not be taken before the SBCCOG identifies if it wants to accelerate highway projects or switch the funds to the rail side. He and Mr. Bohlke are hoping for a Metro Board motion in November that will protect escalation funds.
- VII. **Other Business-** Chair Beste announced that the Coalition for Affordable Street Lights will meet on November 8. Alan Clelland of Iteris brought a sign-up sheet and flyers for an information session about a new program called Blue Commute. Iteris is in a Public/Private Partnership with the County of Los Angeles DPW to implement a traveler information system to benefit the employees in the aerospace and high-tech area of El Segundo using Federal funds. Iteris has contributed the software, and other services such a promotion and marketing, and is being paid for modifications to make it specific to Los

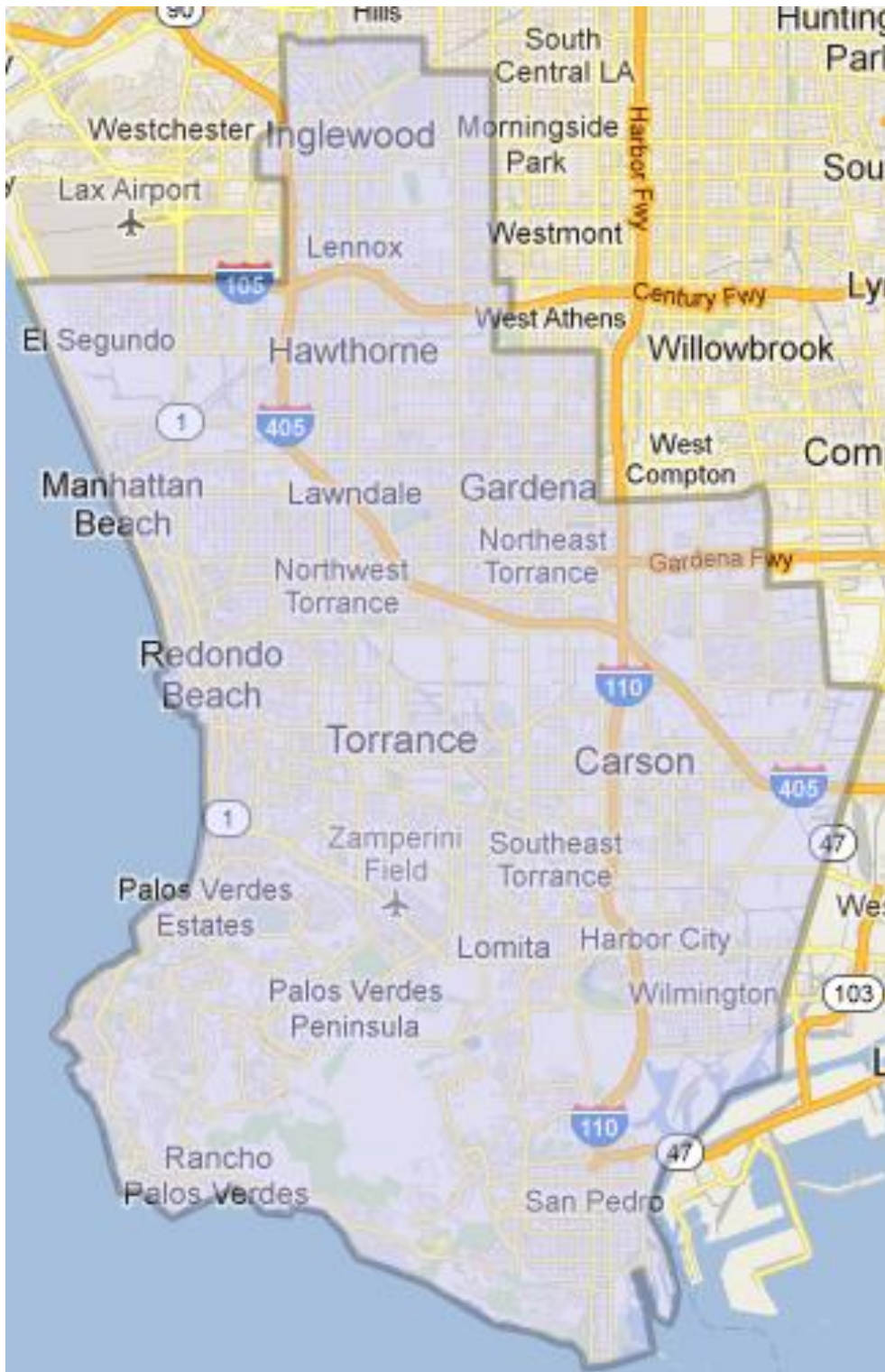
Angeles County. The system is open for the public to use and the goal is to have enough subscribers for the service to continue without the need for government funds after an initial two-year operational period. This contract-free program is an affordable personalized traffic information system that delivers the most accurate traffic information available for the greater Los Angeles Metropolitan area. Features include: speed and travel times on regular routes (both to and from your destination), alerts when incidents or congestion occurs during your commute (offering alternative routes), and the fastest real-time routes from-point-A-to-point-B while traveling (by calling automated phone system). Meetings have been held with Raytheon, Boeing, El Segundo Chamber of Commerce, and Kilroy Realty.

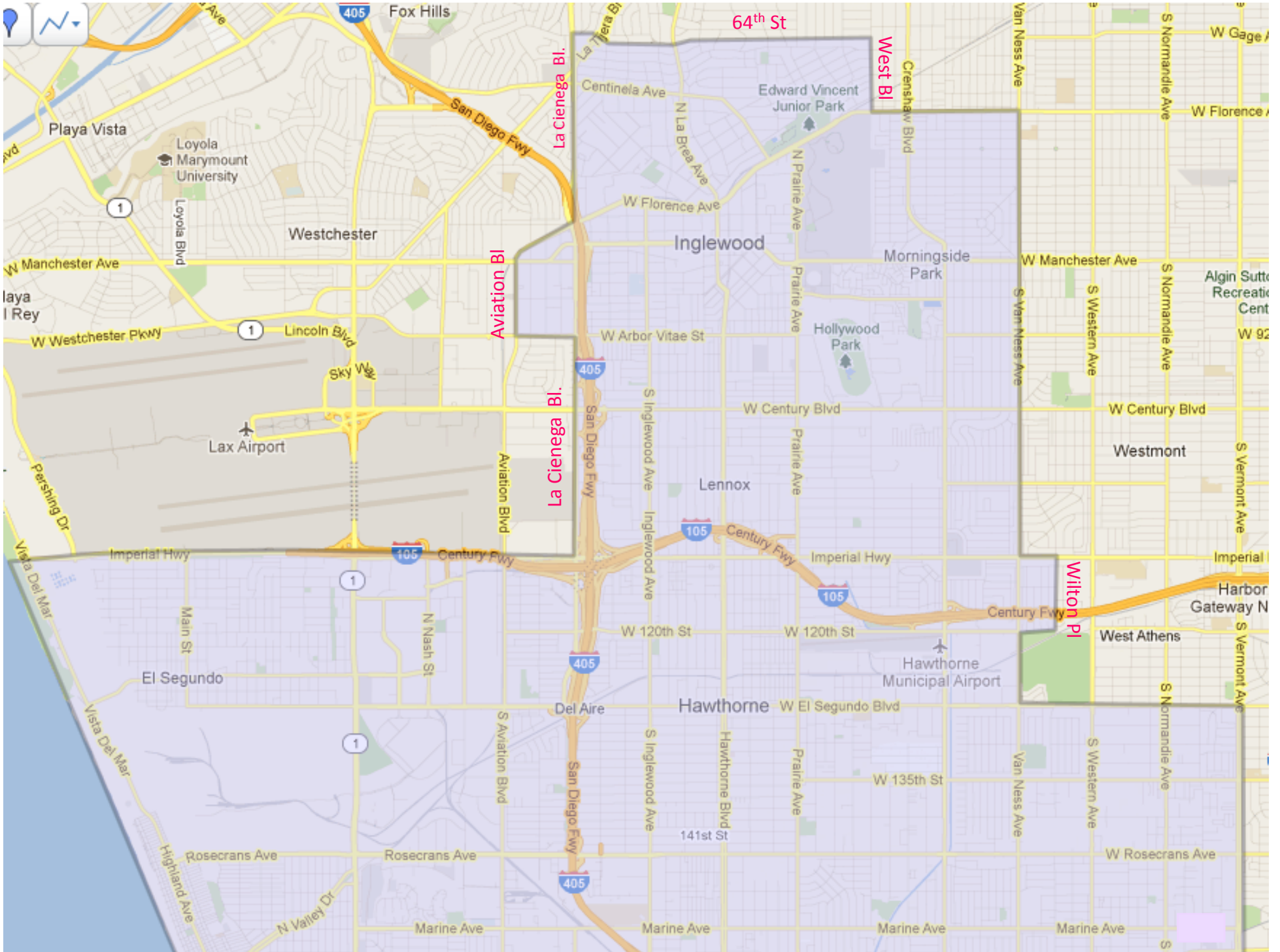
VIII. Chair Beste adjourned the meeting at 12:55pm until November 28, 2012. If you would like to add an item to the agenda please e-mail Marcy@southbaycities.org before Mon., November 26, 2012.

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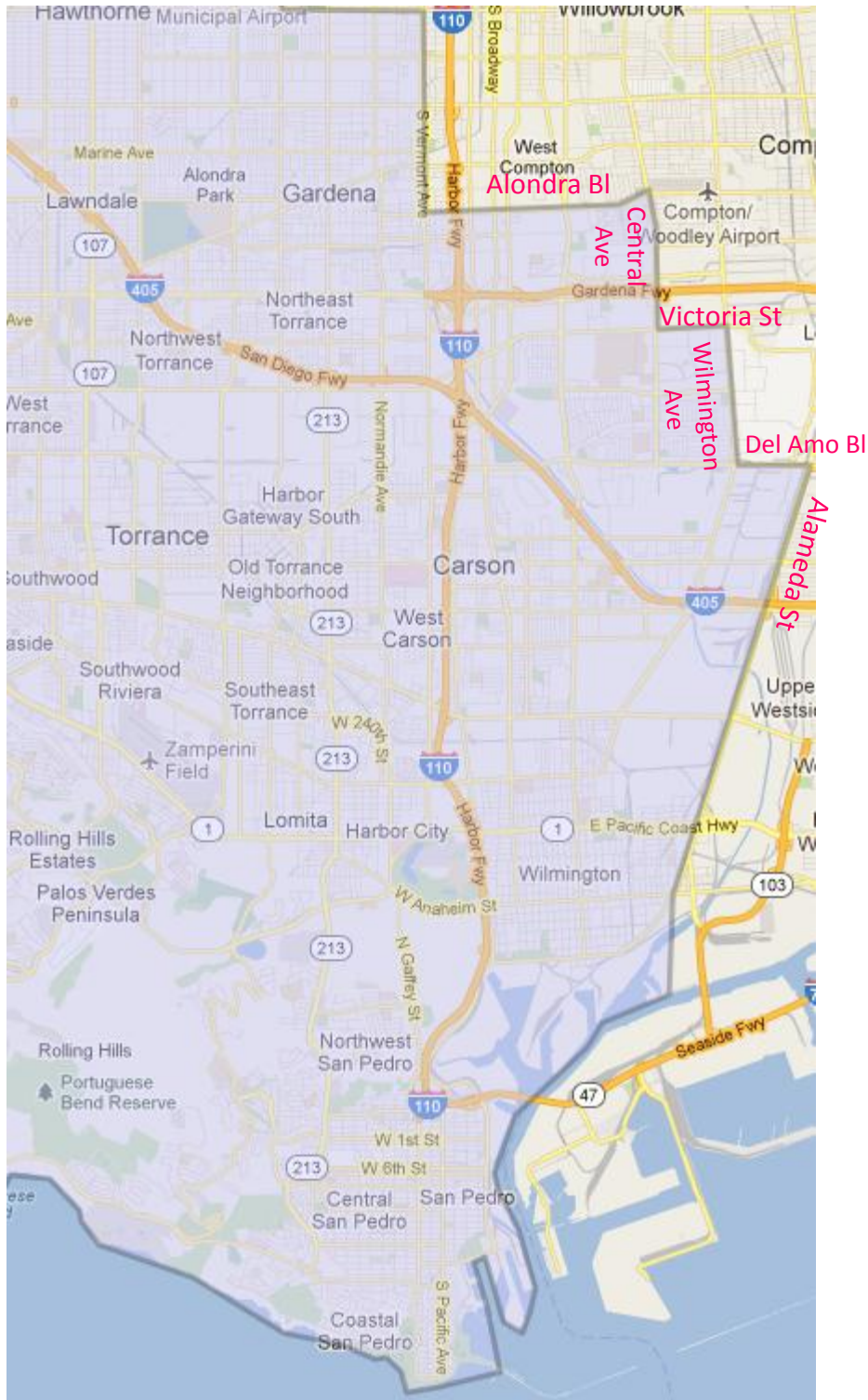
ATTACHMENT B

Proposed Official SBCCOG Boundaries Approved by the SBCCOG Board of Directors on October 25, 2012.





El Segundo BI



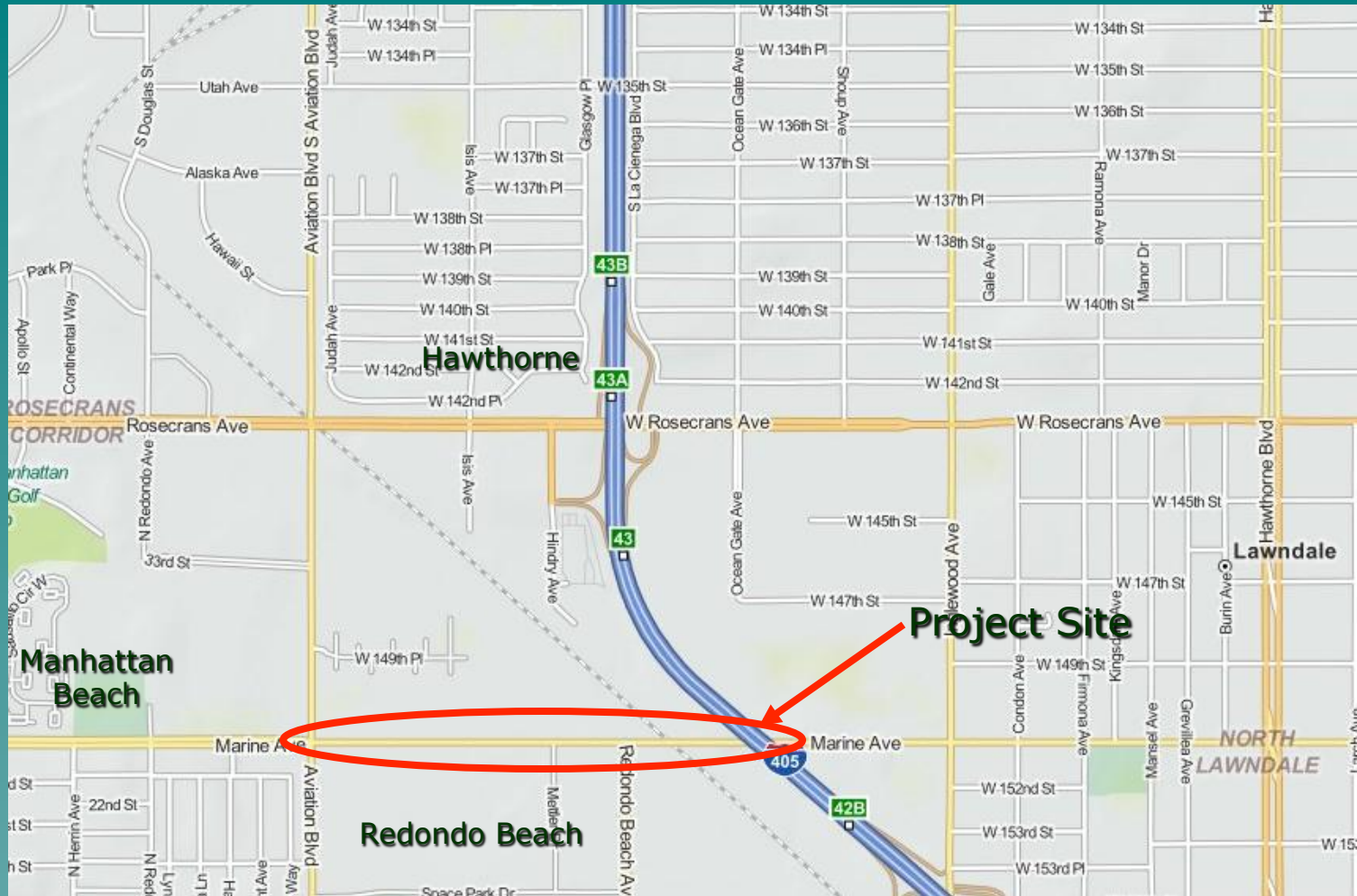
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City of Hawthorne



MARINE AVENUE IMPROVEMENT PROJECT

MARINE AVENUE IMPROVEMENT PROJECT



City of Hawthorne

Project Description

THE MARINE AVE. / AVIATION BLVD. PROJECT WILL MITIGATE CONGESTION AND IMPROVE TRAFFIC CIRCULATION THROUGH THIS INTERSECTION. THE CITY IS PROPOSING TO WIDEN MARINE AVENUE TO INCREASE INTERSECTION CAPACITY AT AVIATION BOULEVARD. THIS WILL REQUIRE 23' OF DEDICATION FROM FAA RIGHT-OF-WAY ON THE NORTH SIDE OF MARINE AVENUE TO ACCOMMODATE A SECOND WESTBOUND LEFT-TURN LANE (RESULTING IN DOUBLE LEFT-TURN LANES), A 3RD WESTBOUND THROUGH LANE AND A DEDICATED WESTBOUND RIGHT-TURN POCKET. THE PROJECT WILL RELOCATE ANY CONFLICTING UTILITIES IN THE WIDENING AREA SUCH AS THE THREE SOUTHERN CALIFORNIA EDISON TRANSMISSION POLES AND TWO WEST BASIN WATER DISTRICT WATER VALVES.

Project Description

- ◆ MARINE AVE. FROM AVIATION BLVD. TO 405 FWY BRIDGE.
- ◆ Improvement to different modes of transportation
 - 1) Pedestrian
 - 2) Vehicles
 - 3) Bus/Transit
- ◆ Street Improvement
 - 1) Rubberized Overlay
 - 2) Implement BMP devices such as catch basin trash capturing units.



Aerial of Aviation Blvd. at Marine Ave.- misalign intersection



Marine Ave.- Traveling WB east of Aviation Blvd. WB right-turn traffic block the WB through lane and extend congestion



Marine Ave.- East of Aviation intersection. WB through lane congested due to heavy WB right-turn movement.



Marine Ave.- looking west toward Aviation intersection



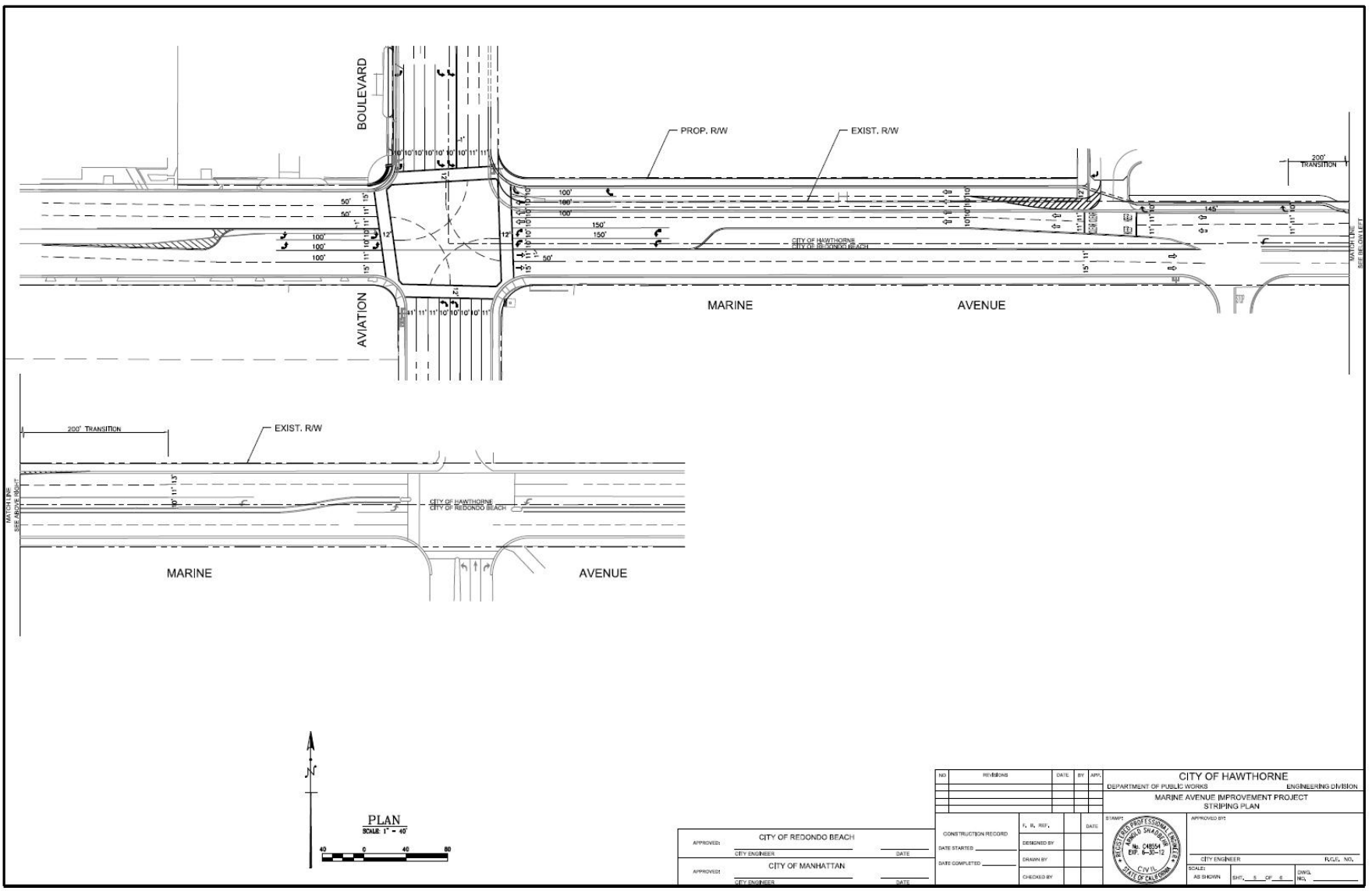
Marine Ave.- looking east toward Aviation intersection



Guard rail and power pole to be relocate at FAA building



Reclaimed water vault and vent to be relocated at FAA building



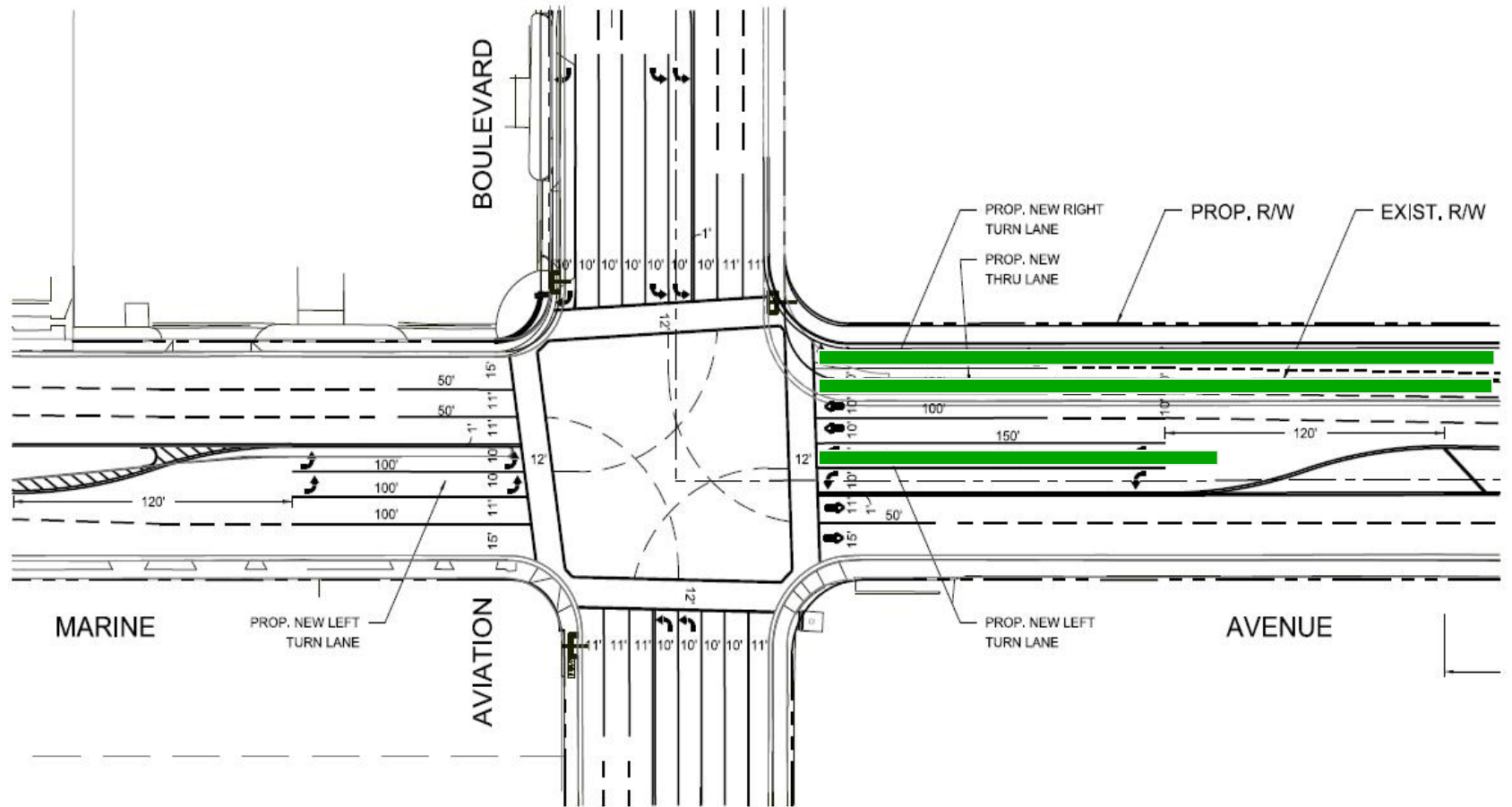
Marine Avenue improvement Plan (Draft)

NO.	REVISIONS	DATE	BY	APP.

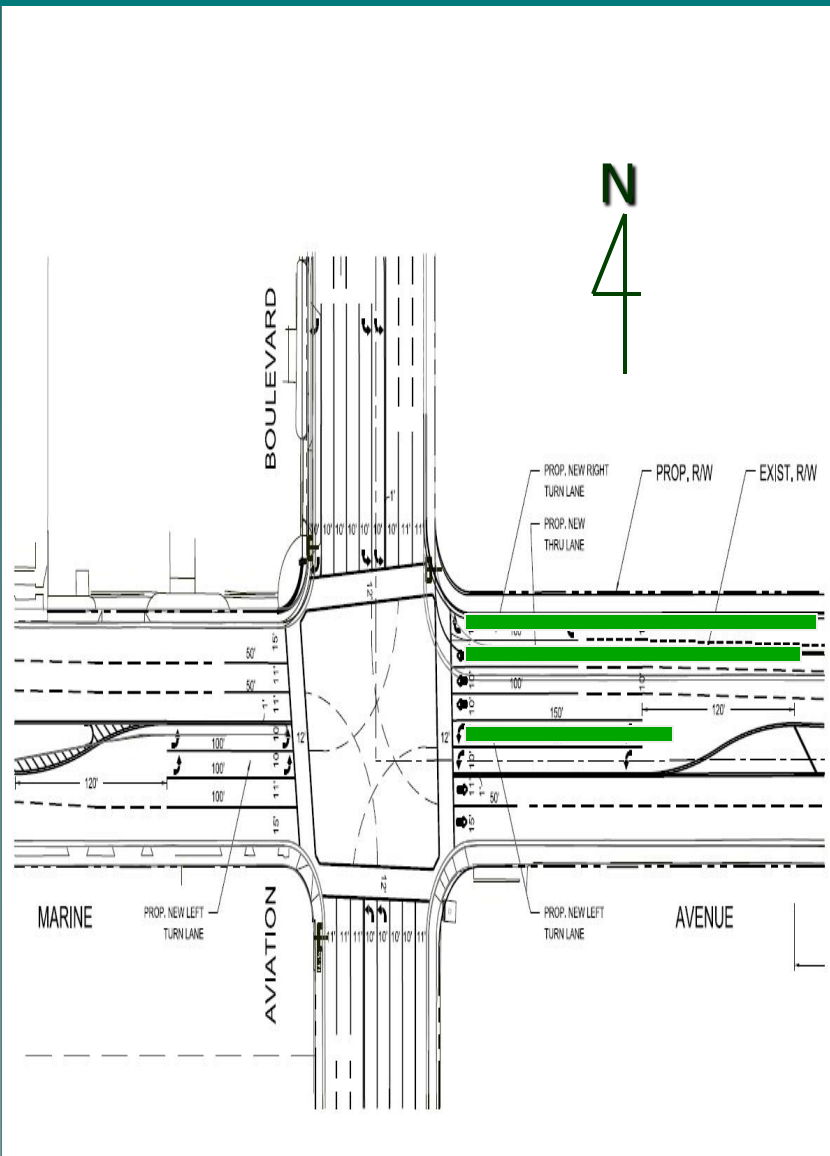
CITY OF REDONDO BEACH		CITY OF HAWTHORNE	
APPROVED:	CITY ENGINEER	DATE	DATE
APPROVED:	CITY ENGINEER	DATE	DATE

CONSTRUCTION RECORD	T. R. REF.	DATE	STAMP
DATE STARTED	ENGINEER BY		
DATE COMPLETED	DRAWN BY		
CHECKED BY			

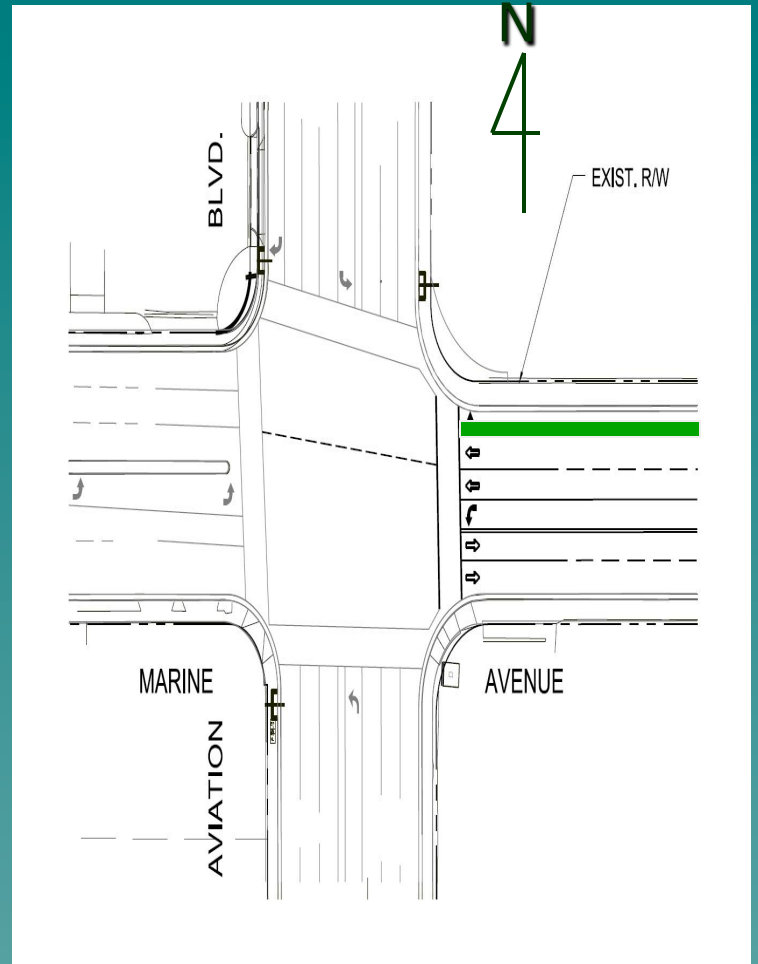
APPROVED BY:	
CITY ENGINEER	R.C.G. NO.
SCALE: AS SHOWN	SHT. 1 OF 1



Marine Avenue improvement Plan (Draft)



Current design



Previous design

Benefits

- ◆ Improving traffic flow
- ◆ Increasing pedestrian safety
- ◆ Improving the efficiency of public transit use
- ◆ Addition and reconstruction of curb and gutter, cross gutter and AC overlay will increase traffic safety and drivability
- ◆ Addition of storm water management system will minimize local flooding

Project Details

◆ Estimated Project Costs

- Measure R: \$2,100,000
- Local Fund: \$1,000,000

Total Project Cost: \$3,100,000

◆ Estimated Implementation Schedule

- Nov. 2015 to Oct. 2017

CITY OF HAWTHORNE



4455 West 126th Street • Hawthorne, California 90250-4482
Department of Public Works, Engineering Division
Office: (310) 349-2980 / Fax: (310) 978-9862

October 25, 2012

Jacki Bacharach
South Bay Cities Council of Governments
20285 S. Western Avenue, Suite 100
Torrance, CA 90501

RE: ADDITIONAL FUND REQUESTS FROM SOUTH BAY HIGHWAY PROGRAM MEASURE R / MTA FOR MARINE AVENUE/AVIATION BLVD.

Dear Ms. Bacharach,

I am writing you to confirm that the City of Hawthorne, as lead agency for the Marine / Aviation project (Project Number N14 (MR312.33) is proceeding with design, project development, and right-of-way acquisition. We are asking for funding for construction activities to ensure the completion of this project.

The Marine Ave. / Aviation Blvd. project will mitigate congestion and improve traffic circulation through this intersection. The City is proposing to widen Marine Avenue to increase intersection capacity at Aviation Boulevard. This will require 23' of dedication from FAA right-of-way on the north side of Marine Avenue to accommodate a second westbound left-turn lane (resulting in double left-turn lanes), a 3rd westbound through lane and a dedicated westbound right-turn pocket. The project will relocate any conflicting utilities in the widening area such as the three Southern California Edison transmission poles and two West Basin Water District water valves.

The intersection of Marine Avenue and Aviation Boulevard is recognized as one of the region's worst bottlenecks. This improvement is necessary to satisfy critical transportation needs in the South Bay affecting both the quality of life and the economic health of the region. The City of Hawthorne is asking for \$1.5 million in construction funding. Any unspent funds from design activities will be applied to the construction costs along with City funds for an estimated construction cost of \$2.3 million which brings our total project cost estimate to \$3.1 million. Preliminary Engineering and Right-of-way acquisition process have already been started. Should the requested Measure R funds not be committed to this project, the \$900,000.00 funds previously obligated would also be in jeopardy because the project would be seriously underfunded and therefore unable to proceed.

Recognizing the importance of this project, the cities of Hawthorne, Redondo Beach and Manhattan Beach have voiced strong support for this project. In addition, the project has the strong support of local industry in the region.

CITY OF HAWTHORNE



4455 West 126th Street • Hawthorne, California 90250-4482
Department of Public Works, Engineering Division
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There has been a substantial investment of public time and money on this project and, though not fully funded at this time, it is imperative that the City moves forward on this project. Your cooperation is greatly appreciated.

If you have any questions, please contact Akbar Farokhi at (310) 349-2983.

Sincerely,

A handwritten signature in blue ink that reads "Arnold Shadbehr". The signature is written in a cursive style and is positioned above a horizontal line.

ARNOLD SHADBEHR, P.E.
Chief of General Services and Public Works

Attached: Engineering estimate

ENGINEERING ESTIMATE

07-LA-0-HAW

PROJECT INFORMATION

PROJECT NUMBER

11-02

10/25/2012

LOCATION:

MARINE AVE. & AVIATION BLVD. PROJECT

LIMITS:

MARINE AVE FROM AVIATION BLVD: TO I405 PROJECT

				PROPOSED ENGINEERING ESTIMATE	
Item	Approximate Quantities	Units of measure	Item Description	UNIT PRICE	Total Bid
1	1	LS	Mobilization	\$30,000.00	\$30,000.00
2	1	LS	Surveying	\$30,000.00	\$30,000.00
3	1	LS	Traffic Control	\$70,000.00	\$70,000.00
4	4	EA	Project Construction Signs	\$2,000.00	\$8,000.00
5	1	LS	Utility Potholing	\$50,000.00	\$50,000.00
6	1	LS	Clearing and Grubbing/ Implementation of BMPs	\$35,000.00	\$35,000.00
7	25	EA	Adjust Manholes Frame and cover to grade	\$700.00	\$17,500.00
8	8	EA	Adjust Water Valve(WV) Cover	\$500.00	\$4,000.00
9	1	EA	Adjust Water Meter(WM) Cover	\$500.00	\$500.00
10	4	EA	Adjust Gas Valve (GV) Cover	\$500.00	\$2,000.00
11	3	EA	Adjust Pull Box to grade	\$500.00	\$1,500.00
12	1	EA	Relocate Fire Hydrant	\$7,000.00	\$7,000.00
13	1	EA	Relocate Pull Box	\$500.00	\$500.00
14	1	EA	Fire Service	\$12,000.00	\$12,000.00
15	125,300	SF	Cold Milling Asphalt Pavement	\$0.35	\$43,855.00
16	4	EA	Remove Trees	\$3,000.00	\$12,000.00
17	1	LS	Remove Barrier Posts and Rope (cable) and footing per plan sheet AB	\$30,000.00	\$30,000.00
18	3,200	CY	Excavation (unclassified)	\$55.00	\$176,000.00
19	2,500	CY	Crushed Aggregate Base(CAB)	\$40.00	\$100,000.00
20	500	CY	Lean Concrete for Base Material - 8" Thick.	\$110.00	\$55,000.00
21	2,200	TON	Asphalt Concrete (PG-64-16)	\$75.00	\$165,000.00
22	2,600	TON	ARHM - 2" Thick.	\$85.00	\$221,000.00

Item	Approximate Quantities	Units of measure	Item Description	UNIT PRICE	Total Bid
23	896	LF	Remove and excavate existing Curb & Gutter and Construct new PCC Curb & Gutter (A2-8)Per APWA STD Plan 120-1	\$47.00	\$42,112.00
24	500	LF	Remove and excavate existing Median Curb and Construct new PCC Median CURB (A1-8)Per APWA STD Plan 111-2 Over 6"	\$27.00	\$13,500.00
25	15	EA	Remove and excavate existing Curb Ramps and Construct new 4" PCC sidewalk / access ramps Per APWA STD Plan 110-1	\$2,500.00	\$37,500.00
26	10,000	SF	Remove and excavate existing Sidewalk and Construct new Thick PCC Sidewalk, PER 112-1 Over 4" CAB at newly	\$10.00	\$100,000.00
27	2,000	SF	Remove and excavate existing Driveway and Construct new 6" Thick PCC Driveway, 6" PER APWA STD Plan 110-1 Over 6"	\$20.00	\$40,000.00
28	300	SF	Remove and excavate existing Cross Gutter and Construct new PCC Cross Gutter, 8" Thick PER APWA STD Plan 122-1 Over 8" CAB at newly specified location per project plans.	\$34.00	\$10,200.00
29	1	LS	Install Barrier Posts and Rope including footings Per Plan sheet AB complete in place.	\$50,000.00	\$50,000.00
30	1	EA	Remove and excavate existing Curb Drain and Construct new Curb Drain Per APWA STD Plan 150-2 at newly specified location per project plans.	\$7,000.00	\$7,000.00
31	1	EA	Remove and excavate existing Local Depression Catch Basin, base and dirt and Construct new Catch Basin PER APWA STD Plan 300-2 W = 3.5' at newly specified location per project plans.	\$10,000.00	\$10,000.00
32	52	LF	Install 54" DIA. Reinforced Concrete Pipe PER LACDPW STD PLAN 3080-2 CASE 3	\$500.00	\$26,000.00
33	1	EA	Planting and Irrigation	\$40,000.00	\$40,000.00
34	1	LS	Remove Pavement Markers, Striping & Markings	\$ 15,000.00	\$15,000.00
35	1	LS	Traffic Signal(TS) Modification on Aviation Blvd. at Marine Ave.	\$ 320,000.00	\$320,000.00
36	3	EA	Pavement Markers for Fire Hydrants	\$ 150.00	\$450.00
37	1	LS	Traffic Signing, Striping, Markings and pavement Markers	\$ 40,000.00	\$40,000.00
38	25	EA	Remove Roadside Sign & Pole	\$ 100.00	\$2,500.00
39	8	EA	Relocate Roadside Sign & Pole (1-post)	\$ 300.00	\$2,400.00
40	20	EA	Install Roadside Sign (1-post)	\$ 300.00	\$6,000.00
41	4	EA	Portable Changeable Message Signs (Model: Solar Tech MB2)	\$ 3,000.00	\$12,000.00
42	700	LF	Construct retaining slough wall	\$ 80.00	\$56,000.00
43	30	EA	Traffic Signal Loop Detectors Type "E"	\$ 235.00	\$7,050.00
44	15	EA	Traffic Signal Bicycle Loop Detectors Type "D"	\$ 280.00	\$4,200.00
44	1	LS	Relocate Dry utilities (Poewer Poles, Air Vents)	\$ 40,000.00	\$40,000.00
SUB'TOTAL CONSTRUCTION					\$1,952,767.00
Contingencies (5%)					\$97,638.35
C.E. (10%)					\$195,276.70
P.E. / Right-of-way / Design					\$900,000.00
Total=					\$3,145,682.05

LEGEND	Description
Percent Complete by Time Task completed by time	
Funding Agreement	Date Funding Agreement Signed
Planning and Preliminary Design	Project Planning phase develops the concept for the project including the project requirements, the preliminary design addresses the requirements. This phase also includes Project Approval/Environmental Documentation if required for the project to proceed.
PS&E	Plans Specifications and Estimate - This comprises all work to develop construction contract plans, specifications, engineer's estimate, contract bid documents, allocation of funds, contract award, and contract approval
ROW	Right of Way - The Right of Way acquisitions for the locally preferred concept/alternative are identified
Construction	Construction - All construction related activities.
Color Code	Parameters
G	Within 6 months of schedule and on budget
Y	Behind schedule by more than 6 months and/or concerns over expenditures
R	Change in Scope and/or Budget requires Funding Agreement Amendment
C	Project Completed

Metro Call for Projects

Attachment E

Measure R Support for PSR/PSRE Production

Status: November 21, 2012

Torrance – Hawthorne Boulevard Corridor

- Technical Analysis complete
- Narrative nearly complete
- Internal Review Tuesday and Wednesday, to be sent to City by Monday 11/26
- On schedule

Torrance – Add turn lanes on Western Avenue at Sepulveda Boulevard

- Technical Analysis complete
- Narrative nearly complete
- Internal Review Tuesday and Wednesday; to be sent to City by Monday 11/26
- On schedule

Inglewood - Phase V of Inglewood's ITS Upgrades

- Internal Draft in Review
- Send to City in next few days, meet with Chad Sweet next week (w/b 11/26) to review
- On schedule

Inglewood – Geometric improvements on La Cienega Boulevard and Manchester Boulevard

- Draft ready for City review early next week (w/b 11/26)
- On schedule

Gardena – Construction of three Park and Ride facilities

- Data request to City on Tuesday 11/20
- Monday 11/26 meeting with City agencies (PWD and Transit)
- On schedule

AC

11/21/12

Summary of Known South Bay Cities FY 13 Metro Call for Projects Applications ATTACHMENT E

Project Sponsor	Description	Measure R Matching Funds Committed			Notes
		2017/18 \$	2018/19 \$	Total	
LA County	ITS Improvements on South Bay Arterials	\$770	\$770	\$1,540	\$7.7m total project cost (20% minimum local match for Signal Sync)
Lawndale	Redondo Beach Boulevard improvements from Hawthorne Boulevard to Prarie Avenue			\$0	Scope and Cost Estimate Needed
Inglewood	Geometric improvements on La Cienega Boulevard and Manchester Boulevard	\$385	\$385	\$770	\$2.2m total project cost (35% minimum local match for RST or Goods Movement)
Inglewood	Phase V of Inglewood's ITS Upgrades	\$350	\$350	\$700	\$3.5m total project cost (20% minimum local match for Signal Sync)
Gardena	Construction of three park and ride facilities	\$430	\$430	\$860	\$4.3m total project cost (20% minimum local match for Transit Capital)
Hawthorne	Storm drain and signal improveemtns on Prarie Avenue from 118th Street to Marine Avenue	\$1,453	\$1,453	\$2,906	\$8.3m total project cost (35% minimum local match for RSTI)
Hermosa Beach	Pedestrian and bikeway improvements on Pacific Coast Highway, Prospect Avenue to Pacific Coast Highway and on Aviation Boulevard from Artesia Boulevard to Herondo Street	\$0	\$0	\$0	Scope and Cost Estimate Needed
Los Angeles	Improve Anaheim Street from Farragut Avenue to Dominguez Channel	\$1,177	\$1,177	\$2,354	\$6.725m total project cost (35% minimum local match for RSTI)
Torrance	Add turn lanes on Western Avenue at Sepulveda Boulevard	\$368	\$368	\$735	\$2.1m total project cost (35% minimum local match for RSTI)
Torrance	Widen 182nd Street, Lomita Boulevard, Spencer Street, and Emerald Street at Hawthorne Boulevard to allow right turn lanes	\$525	\$525	\$1,050	\$3m total project cost (35% minimum local match for RSTI and GMI)
Caltrans	Complete a PAED for an integrated corridor management system along the I-110 Corridor between Artesia Boulevard and the I-405 to improve freeway and arterial coordinated operations and travel information systems.		\$1,000	\$1,000	\$10m project, funds for PAED

Attachment F - South Bay Measure R Highway Program

3-month Look-ahead on Committee Meetings and Decision Milestones

Updated 11/16/12

November 2012	December 2012	January 2013
<p>13. Measure R Oversight Committee</p> <ul style="list-style-type: none"> Review Project Status Review Project Issues Approve funding agreement amendment for Marine Ave. Recommend FY 13 South Bay Call for Projects Candidate Projects for use of Measure R SBHP funds Recommend Metro budget request for FY 13-19 SBHP <p>13. Steering Committee</p> <ul style="list-style-type: none"> Review Measure J and Project Acceleration Policy Issues 	<p>Measure R Oversight Committee – No meeting</p> <p>10. Steering Committee</p>	<p>14. Measure R Oversight Committee</p> <ul style="list-style-type: none"> Review Project Progress Review Project Issues Approve funding agreement amendments, if any Review status of South Bay Highway Program Implementation Plan Update Review Measure R acceleration policy ramifications for SBHP Recommend 5-year Metro / SBCCOG CA Funding Agreement scope of work
<p>15. SBCCOG Board</p> <ul style="list-style-type: none"> Approve Metro budget request for FY 13-19 SBHP Approve FY 13 South Bay Call for Projects Candidate Projects for use of Measure R SBHP funds <p>28. IWG Meeting</p> <ul style="list-style-type: none"> Review Metro budget request for FY 13-19 SBHP Review FY 13 South Bay Call for Projects Candidate Projects for use of Measure R SBHP funds Review Funding Allocation Change Requests Review Marine Ave. project cost adjustment request Review Measure J Project Acceleration Tech. Issues <p>Metro Board – no meeting</p>	<p>IWG Meeting – no meeting</p> <p>SBCCOG Board – no meeting</p> <p>13. Metro Board</p>	<p>16. IWG Meeting</p> <ul style="list-style-type: none"> Review Project Progress Review Funding Allocation Change Requests, if any Review Marine Ave. project cost adjustment Review Strategic Transportation Element Update Review Measure R project acceleration technical issues <p>24. SBCCOG Board</p> <ul style="list-style-type: none"> Approve 5-year Metro / SBCCOG CA Funding Agreement scope of work Review Measure R Project acceleration options <p>24. Metro Board</p> <ul style="list-style-type: none"> Approve South Bay FY 13 Call for Projects candidates for use of SBHP Measure R as local match

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Metro Budget Request for FY13-19 South Bay Measure R Funding Allocations (in \$1K)- Attachment G

FY 2012/13																				
Identification		Project		Location			Allocated Fundings													
Old ID	Metro ID	Sponsor	Type	Facility	Limits	City/County	Description	Fund Agm	FA Type	2011/12 \$	2012/13 \$	2013/14 \$	2014/15 \$	2015/16 \$	2016/17 \$	2017/18 \$	2018/19 \$	Net new fund request	Funding Change Request	
SB02		* SBCCOG	Contingency	Program Contingency			Program Contingency			\$474	\$800	\$0	\$750	\$2,363	\$0	\$0				
SB01		* SBCCOG	Contingency	Early Action Contingency			Early Action Contingency			\$2,500	\$0	\$1,000	\$0	\$0	\$0	\$0				\$1.5 fund change request reduction for MR312.33
SB05		* SBCCOG	Project Development	Strategic Positioning Reserve Funds			Strategic Positioning Reserve Funds			\$0	\$0	\$0	\$0	\$0	\$0	\$0				Use of funds for Caltrans projects 312.30 a and b.
	MR312.01	* SBCCOG	Program Management	Measure R Highway Program		South Bay	Program Development, Oversight, and Administration			\$742	\$742	\$696	\$703	\$674	\$726	\$634	\$744			Combined line item
F29	MR312.31	Cities and County	ITS	Various	Various	Various	Subregional South Bay ITS Plan, elements: 1) Detection Gap Closure, 2) Battery Back-Up		Design and Construction	\$0	\$5,000	\$2,000	\$0	\$0	\$0	\$0				Change in scope to broaden to implement South Bay ITS Plan, individual projects to be listed as individual elements: Detection Gap Closure (\$1.5 million), Battery Back-Up (\$300k)
FN 1	MR312.29	Metro / Caltrans	ITS	Pacific Coast Highway and Parallel Arterials	From I-105 to I-110	County, El Segundo, Hawthorne, Lomita, Manhattan Beach, Torrance	ITS Improvements on Pacific Coast Highway		Design and Construction	\$0	\$7,000	\$2,000	\$0	\$0	\$0	\$0				Change in scope to encompass other PCH ITS Project (Former MR312.30)
FN-2	MR312.30	Caltrans	ITS	Pacific Coast Highway and Parallel Arterials	Palos Verde Blvd to I-440	County, Lomita, Torrance	PCH South Corridor - Torrance Area ATMS - Improve traffic operations and implement ITS Elements		Design and Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0				Added to MR312.29 and number reassigned
	MR312.30a	Metro / Caltrans	Auxiliary Lane and Ramp	I-405	I-110 to I-105	County, Inglewood, Los Angeles, Torrance	I-405 Study and PAED for identified improvements		Design		\$500	\$4,700	\$4,700	\$4,700						
	MR312.30b	Metro / Caltrans	Auxiliary Lane and Ramp	I-105	I-405 to Crenshaw Boulevard	County, Hawthorne, Los Angeles	I-105 Study and PAED for identified improvements		Design		\$500	\$1,000	\$1,000	\$1,000						
B7A		Metro / Caltrans	Arterial and Ramp	I-405	at 182nd St / Crenshaw Boulevard	Torrance	I-405 at 182nd St/Crenshaw Boulevard improvements	In Process	Project Development	\$1,700	\$0	\$0	\$0	\$0	\$0	\$0				
B7B		Metro / Caltrans / Torrance	Arterial and Ramp	I-405	at 182nd St / Crenshaw Boulevard	Torrance	I-405 at 182nd St/Crenshaw Boulevard improvements	In Process	Project Development	\$300	\$0	\$0	\$0	\$0	\$0	\$0				
F38	MR312.24	Metro / Caltrans	Auxiliary Lane	I-110	Southbound: I-405 to Del Amo Boulevard Undercrossing	County	PAED: Auxiliary lane on southbound I-110 from westbound SR-91 connector to Torrance Boulevard off-ramp and evaluate feasibility of a new flyover ramp from northbound I-405 to southbound I-110 Connector	In Process	Project Development	\$1,150	\$0	\$0	\$0	\$0	\$0	\$0				Combine with MR312.26 from \$150k to \$1,150k and change project limits - Metro
F68	MR312.26	Caltrans	Interchange	I-405	at I-110	County	Construct new Northbound I-405 to Southbound I-110 connector, possibly a flyover ramp.	In Process	Project Development	\$0	\$0	\$0	\$0	\$0	\$0	\$0				Combine with MR312.24 formerly \$1m
F60	MR312.11	Metro / Caltrans	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)	In Process	Design and Construction	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0				
F2	MR312.02	Inglewood	Ramp	I-405	at Manchester Blvd.	Inglewood	Early Action: Improve turn radii at northbound I-405 off-ramp at Manchester Boulevard, and close Ash Avenue and include bus improvement	Needs Revision	Design and Construction	\$186	\$0	\$0	\$0	\$0	\$0	\$0				Remove Caltrans as CoProject Sponsor, funding agreement to be rewritten for scope change.
N34	MR312.37	Carson	Arterial	Sepulveda Boulevard	from Alameda Street to ICTF Driveway	Carson	Widen from four lanes to six lanes, rehabilitate bridge.		Construction	\$0	\$1,158	\$0	\$0	\$0	\$0	\$0				
N32	MR312.16	County / Los Angeles	Arterial	Del Amo Boulevard	from Normandie Boulevard to Western Avenue	County, Los Angeles	Reconstruct and widen from one lane in each direction to two lanes in each direction and construct missing segment	No Action	Design and Construction	\$0	\$1,000	\$1,000	\$24,920	\$0	\$0	\$0				Delayed and combined with City of LA segment, years and allocation modified

FY 2012/13

Identification		Project		Location			Allocated Fundings													Funding Change Request
Old ID	Metro ID	Sponsor	Type	Facility	Limits	City/County	Description	Fund Agm	FA Type	2011/12 \$	2012/13 \$	2013/14 \$	2014/15 \$	2015/16 \$	2016/17 \$	2017/18 \$	2018/19 \$	Net new fund request	Funding Change Request	
N46	MR312.39	El Segundo	Arterial	Vista Del Mar	north of southern City Limit	El Segundo	Roadway safety improvements: realign S-Curve	Delayed on e year	Design and Construction	\$150	\$0	\$0	\$1,350	\$0	\$0	\$0	\$0			Project to be started one year later- El Segundo 6/19/12
N69	MR312.22	El Segundo	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.	Yes	Design and Construction	\$2,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
F39	MR312.27	El Segundo	Arterial	Sepulveda Boulevard	from Imperial Highway to El Segundo Boulevard	El Segundo	PCH Study Improvements: Implement PCH Study Recommendations (8)		Design and Construction	\$0	\$0	\$0	\$400	\$0	\$0	\$0	\$0			
N42	MR312.17	Gardena	Arterial	Rosecrans Avenue	from Vermont Avenue to Crenshaw Boulevard	Gardena	Install median, left turn pockets, intersection upgrade. Coordinated with County TSSP project.	Yes	Design and Construction	\$300	\$317	\$4,523	\$0	\$0	\$0	\$0	\$0			
N67	MR312.21	Gardena	Arterial	Vermont Avenue	From Rosecrans Avenue to 182nd Street	Gardena	Addition of turn pockets, channelization, pavement upgrade, traffic signal improvements, and minor concrete work	Yes	Design and Construction	\$150	\$132	\$2,068	\$0	\$0	\$0	\$0	\$0			
N53	MR312.19	Gardena	Intersection	Artesia Boulevard	at Western Avenue	Gardena, Torrance	Add westbound dual left turns.	Yes	Design and Construction	\$75	\$0	\$600	\$0	\$0	\$0	\$0	\$0			
N14	MR312.33	Hawthorne	Intersection	Aviation Boulevard	at Marine Avenue	Hawthorne	Construct westbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects		Design and Construction	\$0	\$600	\$0	\$0	\$1,500	\$0	\$0	\$0		\$1,500	Const. funds request by email 7/5/12; modified in meeting 8/1/12; City to confirm: \$1.5m over the \$600k allocation = \$2.1m - Hawthorne 7/5/12
F11	MR312.03	Hawthorne	Arterial	Rosecrans Avenue	Southbound off-ramp to I-405	Hawthorne	Widen Rosecrans Avenue to accommodate southbound off-ramp receiving lane.	Yes	Construction	\$2,100	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Completed
N26	MR312.44	Hawthorne	Arterial	Hawthorne Boulevard	El Segundo Boulevard to Rosecrans Avenue	Hawthorne	Improve traffic signals; add left-turn pockets; pedestrian, transit & handicap access improvements.		Design and Construction	\$0	\$4,171	\$4,174	\$0	\$0	\$0	\$0	\$0			Advanced one year
F45	MR312.05	Hermosa Beach	Arterial	Pacific Coast Highway	from Artesia Boulevard to Anita Street	Hermosa Beach	PCH Study Improvements: Implement PCH Study Recommendations	Yes	Design and Construction	\$368	\$0	\$0	\$0	\$0	\$0	\$0	\$0		\$128	funds moved from MR312.38
F44	MR312.38	Hermosa Beach	Intersection	Pacific Coast Highway	at Aviation Boulevard	Hermosa Beach	Add southbound dual left turn lanes		Design and Construction	\$0	\$0	\$0	\$0	\$872	\$0	\$0	\$0		(\$128)	funds moved to MR312.05
N6	MR312.12	Inglewood	ITS	Phase IV	Various	Inglewood	4th Phase of Citywide ITS Master Plan (central computer system with fiber optic interconnection linking all signalized intersections for two-way communications)	Yes	Project Development	\$300	\$3,200	\$0	\$0	\$0	\$0	\$0	\$0			
N22	MR312.15	Lawndale	Arterial	Inglewood Avenue	from 156th Street to I-405 southbound on-ramp	Lawndale	Extension of Phase 2 widening to I-405 southbound ramp	Yes	Design and Construction	\$100	\$400	\$0	\$0	\$0	\$0	\$0	\$0			
N25	MR312.36	Lawndale	ITS	Various	Citywide	Lawndale	Traffic Signal Improvements Citywide	In Process	Design and Construction	\$0	\$150	\$0	\$1,350	\$0	\$0	\$0	\$0			
F66	MR312.44	Lomita, Caltrans	Intersection	Western Avenue	at Palms Verdes Drive-North	Lomita-Los Angeles	Intersection improvements		Design and Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Combined with MR312.43
F53	MR312.43	Lomita	Intersection	Pacific Coast Highway	at Walnut	Lomita	Improve receiving lane of northern leg of intersection		Design and Construction	\$0	\$90	\$90	\$810	\$0	\$0	\$0	\$0			Combined with MR312.41
F41	MR312.28	Manhattan Beach	Arterial	Sepulveda Boulevard	from 33rd Street to south of Rosecrans Avenue	Manhattan Beach	Seismic retrofit of widened bridge no. 53-62		Construction	\$0	\$4,550	\$4,550	\$0	\$0	\$0	\$0	\$0			Retrofit project takes the place of widening project
N13	MR312.32	Manhattan Beach	Intersection	Aviation Boulevard	at Marine Avenue	Manhattan Beach	Add dual southbound left-turn lanes. Aviation Boulevard Phase 1: Intersection Projects		Design and Construction	\$0	\$0	\$1,500	\$0	\$0	\$0	\$0	\$0			Coordinate construction with City of Hawthorne Project MR312.33
F42	MR312.04	Manhattan Beach	Intersection	Sepulveda Boulevard	at Marine Avenue	Manhattan Beach	Add westbound dual left turns	Yes	Design and Construction	\$235	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
N57	MR312.34	Manhattan Beach	Intersection	Aviation Boulevard	at Artesia Boulevard	Manhattan Beach	Construct southbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects		Design and Construction	\$0	\$0	\$0	\$0	\$1,500	\$0	\$0	\$0			
F43	MR312.35	Manhattan Beach	Intersection	Sepulveda Boulevard	at Manhattan Beach Boulevard	Manhattan Beach	Add northbound, westbound and eastbound dual left turn lanes and southbound right-turn lane		Design and Construction	\$0	\$0	\$980	\$0	\$0	\$0	\$0	\$0			
F47	MR312.07	Redondo Beach	Intersection	Pacific Coast Highway	at Torrance Boulevard	Redondo Beach	Add northbound right-turn lane	Yes	Design and Construction	\$59	\$527	\$0	\$0	\$0	\$0	\$0	\$0			
F48	MR312.08	Redondo Beach	Intersection	Pacific Coast Highway	at Palms Verdes Boulevard	Redondo Beach	Install westbound right-turn lane	Yes	Design and Construction	\$32	\$288	\$0	\$0	\$0	\$0	\$0	\$0			
N17	MR312.13	Redondo Beach	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct eastbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects	To be revised	Construction	\$22	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Funding agreement to be revised
N19	MR312.14	Redondo Beach	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Install eastbound right-turn arrow	To be revised	Construction	\$30	\$0	\$0	\$0	\$0	\$0	\$0	\$0			Funding agreement to be revised
F46	MR312.06	Redondo Beach	Arterial	Pacific Coast Highway	from 17th Street to Palms Verdes Boulevard	Redondo Beach	PCH Study Improvements: Implement PCH Study Recommendations (11)	Yes	Design and Construction	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
N58	MR312.20	Redondo Beach	Intersection	Aviation Boulevard	at Artesia Boulevard	Redondo Beach	Construct northbound right-turn lane. Aviation Boulevard Phase 1: Intersection Projects	Yes	Design and Construction	\$847	\$0	\$0	\$0	\$0	\$0	\$0	\$0			
N18	MR312.42	Redondo Beach	Intersection	Inglewood Avenue	at Manhattan Beach Boulevard	Redondo Beach	Add southbound right-turn lane south of railroad tracks to Manhattan Beach Boulevard		Design and Construction	\$0	\$0	\$518	\$4,658	\$0	\$0	\$0	\$0			
P4	MR312.23	Torrance	Park and Ride	Torrance Regional Transit Center	465 Crenshaw Boulevard	Torrance	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	To be revised	Design and Construction	\$1,000	\$10,500	\$6,600	\$0	\$0	\$0	\$0	\$0			City to submit revised FA to Metro

FY 2012/13

Identification		Location					Allocated Fundings													
Old ID	Metro ID	Project Sponsor	Type	Facility	Limits	City/ County	Description	Fund Agm	FA Type	2011/12 \$	2012/13 \$	2013/14 \$	2014/15 \$	2015/16 \$	2016/17 \$	2017/18 \$	2018/19 \$	Net new fund request	Funding Change Request	
N47	MR312.18	Torrance	Intersection	Maple Avenue	at Sepulveda Boulevard	Torrance	Add southbound right-turn pocket	Yes	Design and Construction	\$60	\$540	\$0	\$0	\$0	\$0	\$0	\$0			
F61	MR312.10	Torrance	Intersection	Pacific Coast Highway	at Hawthorne Boulevard	Torrance	Add northbound, eastbound, and westbound right-turn lane, add eastbound left-turn, signal upgrades	Yes	Design and Construction	\$1,300	\$0	\$300	\$18,000	\$0	\$0	\$0				
F50	MR312.40	Torrance	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		Design and Construction	\$0	\$0	\$2,900	\$0	\$0	\$0	\$0				
F49	MR312.09	Torrance	Arterial	Pacific Coast Highway	from Palos Verdes Boulevard to Crenshaw Boulevard	Torrance	PCH Study Improvements: Implement PCH Study Recommendations (8)		Design and Construction	\$0	\$0	\$184	\$0	\$1,656	\$0	\$0				

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Attachment H

SBCCOG Infrastructure Working Group 2013 Meeting Dates

Dates have been confirmed with the Blue Water Grill Restaurant which has also agreed to keep the cash price at \$25.00 by eliminating the ice cream dessert.

Mark Your Calendars!

January 16
February 20
March 20
April 17
May 15
June 19
July 17
August 21
September 18
October 16
November 20
December 18