

# South Bay Measure R Potential Candidate Project List

Preliminary Draft for Discussion: 7/23/2010

| Nexus Arterials |  |                      |                          |             |  |   |                 |               |   |
|-----------------|--|----------------------|--------------------------|-------------|--|---|-----------------|---------------|---|
| ID              | Name   | Category             | State Route/<br>Nexus    | Lead Agency | Description  | Jurisdiction  | Route           | Cost Estimate | Status  |
| A1              | Broadway Improvements                              | Municipal Arterials  | SR-91/I-110              | City        | Pavement Rehabilitation from 168th Street to Alondra Blvd  | Carson  | Broadway        | \$1,070,000   | Under Design  |
| A2              | Broadway Improvements                              | Municipal Arterials  | SR-91/I-110              | City        | Construction of new c & g, St lights, sidewalk and Pavement Rehabilitation from Main St to Griffith St   | Carson  | Broadway        | \$1,200,000   | Under Design  |
| A3              | Broadway Improvements                              | Municipal Arterials  | SR-91/I-110              | City        | Pavement Rehabilitation from Griffith St to Albertoni  | Carson  | Broadway        | \$1,980,000   | Under Design  |
| A4              | Broadway Improvements                              | Municipal Arterials  | SR-91/I-110              | City        | Pavement Rehabilitation from Albertoni to 168th Street   | Carson  | Broadway        | \$1,540,000   | Under Design  |
| A5              | Carson Street Master Plan Implementation           | Municipal Arterials  | I-405/I-110              | City        | Street and landscape improvements along a 1.75 mile portion of Carson Street from the San Diego (I-405) Freeway to the westerly terminus boundary of Carson, near the Harbor (110) Freeway | Carson  | Carson Street   |               | City advertised for conceptual design 7/10                |
| A6              | 223rd St Improvements                              | Municipal Arterials  | I-405                    | City        | Construction of new C&G St lights, sidewalk and Pavement Rehabilitation from Lucerne Ave To Alameda St Main St to Griffith St  | Carson  | 223rd st        | \$3,600,000   |   |
| A7              | 223rd St Improvements                              | Municipal Arterials  | I-405                    | City        | Construction of new Landscaped Median from Main St To Avalon Blvd  | Carson  | 223rd st        | \$2,260,000   |   |
| A8              | Wilmington Ave. & Sepulveda Blvd.                  | Municipal Arterials  | I-405/I-110/SR-47/SR-103 | City        | Improvements to the intersection of Wilmington Ave. and Sepulveda Blvd.  | Carson  | Wilmington Ave. | \$500,000     | Preliminary Design Complete                               |
| A9              | Sepulveda Blvd./Alameda Street                     | Municipal Arterials  | I-405/I-110/SR-47/SR-103 | City        | Widen from Alameda St. to east City limit, medians, widen 2 to 4 lanes over Dominguez.   | Carson  | Sepulveda Blvd. | \$6,000,000   | Design complete   |
| A10             | Sepulveda Blvd./Avalon                             | Caltrans Arterials   | I-405/I-110/SR-47/SR-103 | Caltrans    |  | Carson  | Sepulveda Blvd. |               | No funding; Requires PSR                                  |
| A11             | Del Amo Blvd.                                      | Caltrans Arterials   | I-710                    | Caltrans    | Del Amo @ Santa Fe Ave. improvements   | Carson  | Del Amo Blvd.   | \$500,000     | Preliminary Design Complete                               |
| A12             | 110: Torrance Blvd. Undercrossing                  | Ramp                 | I-110/I-405              | County      | Widen under crossing.  | County  | Torrance Blvd.  | \$27,000,000  | No funding; Requires PSR                                  |
| A13             | Aviation Widening (Manhattan Beach to Arbor Vitae) | Municipal Arterials  | I-405/SR-1               | City        | Widen Aviation Blvd. between Manhattan Beach Blvd. to Arbor Vitae.   | County  | Aviation Blvd.  | \$61,800,000  | Preliminary Design Complete                               |
| A14             | Del Amo Widening (btwn Normandie & Vermont)        | Caltrans Arterials   | I-405/I-110              | Caltrans    | Reconstruct & widen Del Amo between Normandie and Vermont  | County  | Del Amo Blvd.   | \$26,300,000  | Preliminary Design Complete                               |
| A15             | Avalon BI TSSP                                     | Municipal Arterials  | I-405/I-110              | City        | Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,   | County  | Avalon BI       | \$2,300,000   | No funding  |
| A16             | El Segundo BI TSSP                                 | Municipal Arterials  | I-405/SR-1               | City        | Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,   | County  | El Segundo BI   | \$1,000,000   | No funding  |
| A17             | La Cienega BI TSSP                                 | Municipal Arterials  | I-405                    | City        | Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,   | County  | La Cienega BI   | \$2,000,000   | No funding  |
| A18             | Vista Del Mar                                      | Municipal Arterials  | SR-1/I-105               | City        | Roadway safety improvements.   | El Segundo  | Vista Del Mar   | \$1,500,000   | Received \$500 from SAFTY LU                              |
| A19             | Aviation Blvd. Widening                            | Municipal Arterials  | I-405/SR-1               | City        | Widen Aviation Blvd. from Imperial Hwy to Hawaii.  | El Segundo  | Aviation Blvd.  | \$63,100,000  | Preliminary Design Complete                               |
| A20             | Aviation Blvd. @: El Segundo Blvd; Marine; Artesia | Municipal Arterials  | I-405/SR-1               | City        | El Segundo Blvd: dual lefts NB to WB; Marine: RT, WB to NB, dual LB; Artesia: RT NB to EB.   | El Segundo, Manhattan Beach, Redondo Beach, Hawthorne | Aviation Blvd.  | \$7,413,166   | Preliminary Design Complete -Artesia in 09 CFP No Funding |
| A21             | Rosecrans Ave: Vermont to Crenshaw                 | Municipal Arterials  | I-110/I-105              | City        | Install median, left turn pockets, intersection upgrade.   | Gardena   | Rosecrans       | \$ 3,000,000  | No funding  |
| A22             | Hawthorne Blvd: El Segundo Blvd.- Rosecrans        | Municipal Arterials  | I-405                    | City        | Improve traffic signals; bus routes; install shuttle stops; pedestrian & wheelchair access.  | Hawthorne   | Hawthorne Blvd. | \$ 7,000,000  | city priority #2, Not funded                              |
| A23             | Citywide Street Improvement                        | Collectors/Arterials | I-405/I-105              | City        | Street improvements, traffic signals, and striping.  | Hawthorne   | Citywide        | \$ 4,000,000  | Funding Required  |



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| A24 | Crenshaw from 105- 135th St.   | Municipal Arterials   | I-105          | City     | Street improvements, traffic signals, and striping.   | Hawthorne          | Crenshaw             | \$ 6,000,000  | Submitted in Metro 07 Call - city priority #2, Not fully funded   |
| A25 | Inglewood Ave.: Rosecrans Ave. to Marine Ave.                                  | Arterial              | I-405          | City     | Widen Inglewood Ave. from Rosecrans Ave. to Marine Ave. four feet to the west   | Hawthorne/Lawndale | Inglewood Ave.       |               |   |
| A26 | PCH/Aviation Blvd.   | Caltrans Arterials    | SR-1           | Caltrans | Add left turn lane SB PCH to EB Aviation.   | Hermosa Beach      | SR1                  | No est.       | No funding; Requires PSR  |
| A27 | PCH Study Recommendations  | Caltrans Arterials    | SR-1           | Various  | Implement PCH Study Recommendations   | Various            | SR1                  | No est.       |   |
| A28 | Century Blvd.  | Municipal Arterials   | I-405/I-105    | City     | Phased Roadway improvements.  | Inglewood          | Century Blvd.        | \$ 34,600,000 | In Construction Submitted for Metro 07 Call - city priority #1, Not fully funded, PSRE  |
| A29 | Florence Ave. Regional Transportation Corridor Improvement Project             | Municipal Arterials   | I-405          | City     | Reconfiguration of 1.2 mile segment of Florence Ave. including new Florence Ave/Redondo Blvd intersection & related capacity ped/bike improvements to rebalance street into multimodal corridor | Inglewood          | Florence Ave.        | \$ 4,091,404  | Metro Call for projects   |
| A30 | La Brea Ave Realignment  | Municipal Arterials   | I-405          | City     | Reconfigure La Brea Ave/La Brea Dr/Market St/ and Spruce from #6 leg to T-intersection, eliminate dog-leg on La Brea Ave, replace with S curve alignment.                                       | Inglewood          | La Brea Ave .        | \$11,000,000  | Received funding, but insufficient - Call FY 2009   |
| A31 | Ash Avenue & La Cienega  | Municipal Arterials   | I-405          | City     | Channelize and raise Manchester median.   | Inglewood          | La Cienega           | \$330,000     | In design   |
| A32 | La Cienega Blvd. Express way   | Municipal Arterials   | I-405          | City     | Complete gaps in La Cienega Blvd. Grade Separation from I-10 to I-405   | Inglewood          | La Cienega Bl        | \$62,000,000  | No funding  |
| A33 | Arbor Vitae  | Municipal Arterials   | I-405          | City     | Reconstruction of Arbor Vitae from La Brea Ave to Prairie Ave.  | Inglewood          | Arbor Vitae          | \$3,500,000   |   |
| A34 | La Brea Ave.   | Municipal Arterials   | I-405          | City     | Realignment of La Brea with Hill crest  | Inglewood          | La Brea Ave .        | \$10,000,000  |   |
| A35 | La Cienega Blvd.   | Municipal Arterials   | I-405          | City     | La Cienega Blvd./Manchester improve turn radii  | Inglewood          | La Cienega Blvd.     | \$800,000     | Preliminary Design Complete   |
| A36 | La Cienega Blvd.   | Municipal Arterials   | I-405          | City     | La Cienega Blvd./Florence Ave. turn radii and through-right lane  | Inglewood          | La Cienega Blvd.     | \$600,000     | Preliminary Design Complete   |
| A37 | NB 405 & Manchester Turn Radii   | Municipal Arterials   | I-405          | City     | Improve turn radii @ NB I-405 & Manchester  | Inglewood          | Manchester           | \$500,000     | Preliminary Design Complete   |
| A38 | Inglewood Avenue   | Municipal Arterials   | I-405          | City     | Inglewood Corridor Capacity Enhancing Project: Phase 1: Inglewood and Marine Intersection Improvements  | Lawndale           | Inglewood Ave.       |               |   |
| A39 | Inglewood Avenue   | Municipal Arterials   | I-405          | City     | Inglewood Corridor Capacity Enhancing Project: Phase 3: widening and adding SB lane from north city limit   | Lawndale           | Inglewood Ave.       | \$ 3,200,000  |   |
| A40 | Rosecrans Avenue Street Improvement Project                                    | Municipal Arterials   | I-405          | City     | Improve green footprint and traffic circulation with raised landscaped medians and street trees. Traffic signal improvements. Pavement rehabilitation and various concrete improvements.        | Lawndale           | Rosecrans Ave.       | \$2,400,000   | No Funding  |
| A41 | Crenshaw Blvd. & Lomita Blvd.  | Arterial/intersection | SR-107/ SR-213 | City     | Crenshaw: add dual NBR and one SBT; Lomita: add one WBR and one WBT   | Lomita/Torrance    |                      |               |   |
| A42 | Del Amo Blvd. Complete Missing Segment   | Caltrans Arterials    | I-405/ I-110   | Caltrans | Complete missing segment of Del Amo between Denker & Normandie  | Los Angeles        | Del Amo Blvd.        | \$6,800,000   | Preliminary Design Complete   |
| A43 | Sepulveda Blvd. /33rd Street   | Caltrans Arterials    | I-405/SR-1     | Caltrans | Widen NB Sepulveda overhead from 33rd St.   | Manhattan Beach    | SR1                  | \$20,000,000  | Submitted for Metro 07 Call, city priority #1; Caltrans section completed Received Demo Funds. \$500,000 will be filling out E76 form |
| A44 | Manhattan Beach Blvd. Improvement Project (Ardmore Avenue to Sepulveda Blvd.)  | Municipal Arterials   | I-405/SR-1     | City     | Roadway rehabilitation of Arterial street   | Manhattan Beach    | Manhattan Beach Blvd | \$400,000     | Some funding  |
| A45 | Sepulveda Blvd. at Marine Avenue Traffic Signal Modification (Dual Left Turns) | Municipal Arterials   | I-405/SR-1     | City     | Improve Level of Service (LOS) at existing traffic signal at intersection of Arterial/Collector streets   | Manhattan Beach    | Sepulveda Blvd.      | \$500,000     | No Funding  |

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| A46             | Sepulveda Blvd. at Manhattan Beach Blvd. Traffic Signal Modification (Dual Left Turns) | Municipal Arterials | I-405/SR-1    | City     | Improve Level of Service (LOS) at existing traffic signal at intersection of 2 Arterial streets  | Manhattan Beach          | Sepulveda Blvd.         | \$1,000,000  | Not funded  |
| A47             | Rosecrans Avenue Street Widening Project (Redondo Avenue to Aviation Blvd.)            | Municipal Arterials | I-405/SR-1    | City     | Improve traffic flow of Arterial street  | Manhattan Beach          | Rosecrans Avenue        | \$500,000    | Some funding  |
| A48             | Palos Verdes Drive West  | Municipal Arterials |               | City     | Construction of retaining wall/pile system to protect roadway from ongoing downhill land movement  | Palos Verdes Estates     | Palos Verdes Drive West | \$1,500,000  | Under Design  |
| A49             | Inglewood Avenue   | Municipal Arterials | I-405         | City     | Widen SB -405 to MBch Blvd., add RT SB 405 Ramp  | Redondo Beach            | Inglewood Ave.          | \$5,175,000  | Preliminary Design Complete No Funding                  |
| A50             | Marine Avenue  | Municipal Arterials | I-405         | City     | Additional signage and striping.   | Redondo Beach, Hawthorne | Marine Ave.             |              | No funding  |
| A51             | City-wide  | Municipal Arterials |               | City     | Street resurfacing and storm drain improvements  | Rolling Hills Estates    | various                 | \$650,000    | unfunded, but ready to proceed immediately with project |
| A52             | Crenshaw Blvd. & Carson St.  | Municipal Arterials | I-110         | City     | Add 4th NB through lane on Crenshaw at intersection.   | Torrance                 | Carson Street           |              | No funding.   |
| A53             | Crenshaw Blvd. & Torrance Blvd.  | Municipal Arterials | SR-107/SR-213 | City     | Provided dedicated SB right turn lane.   | Torrance                 | Torrance Blvd.          |              | No funding.   |
| A54             | Prairie & 190th Street   | Municipal Arterials | I-405         | City     | Add dual NB RT; restriping for 3 thru lanes WB 190th.  | Torrance                 | 190th St.               |              | No funding.   |
| A55             | Crenshaw Blvd. at 182nd Street   | Municipal Arterials | I-405         | City     | Widen 182nd St to provide two designated WB left-turn lanes, two WB through lanes and a new EB through-right lane  | Torrance                 | Crenshaw Blvd.          |              |   |
| A56             | Del Amo Blvd.  | Municipal Arterials | I-405/I-110   | City     | Construct missing piece of Del Amo Blvd. from Madrona Ave. to Crenshaw Blvd.   | Torrance                 | Del Amo Blvd.           | \$19,200,000 |   |
| A57             | Hawthorne Blvd./PCH  | Caltrans Arterials  | SR-1          | Caltrans | Add NB right turn lane on Hawthorne, add EB/WB right turn lane on PCH. Signal upgrades.  | Torrance                 | SR 1                    | \$18,000,000 | Preliminary Design Complete No funding; PSR complete    |
| A58             | Crenshaw Blvd./PCH (SR-1)  |                     | SR-1          |          | Intersection Improvements  | Torrance                 | SR 1                    |              |   |
| A59             | Anza Avenue & PCH  | Caltrans Arterials  | SR-1          | Caltrans | Restripe to add SB thru lane & signal modes for concurrent NB/SB left-turns.   | Torrance                 | SR 1                    | \$1,900,000  | Preliminary Design Complete No funding; Requires PSR    |
| A60             | Maple Avenue & Sepulveda   | Caltrans Arterials  | SR-1          | Caltrans | Add SB RT pocket.  | Torrance                 | Sepulveda Blvd.         |              | No funding; Requires PSR                                |
| A61             | Sepulveda/Western Avenue   | Caltrans Arterials  | SR-1          | Caltrans | Add NB left turn lane; widen and restripe for dual EB left turn lane and WB right turn, modify signals.  | Torrance                 | SR1                     | \$1,900,000  | Preliminary Design Complete No funding; Requires PSR    |
| A62             | Crenshaw Blvd. & 190th St.   | Intersection        | I-405         | City     | Reconstruct intersection (remove median and restripe) - Add one NBL at intersection  | Torrance                 |                         |              |   |
| A63             | Crenshaw Blvd. & Sepulveda Blvd.   | Intersection        | SR-107/SR-213 | City     | Street widening (add 1 ROW) - Add dual NBR, one EBR and one EBT  | Torrance                 |                         |              |   |
| A64             | Torrance Blvd.: Crenshaw Blvd. to Madrona Ave.   | Arterial            | SR-107/SR-213 | City     | Widen Torrance Blvd. to 3 WB through lanes   | Torrance                 | Torrance Blvd.          |              |   |
| A65             | Van Ness Ave. & 190th St.  | Intersection        | SR-1/SR-107   | City     | Widen signalized intersection and restripe to add three through lanes for WB and EB and prohibit on-street parking and upgrade traffic signal                      | Torrance                 |                         |              |   |
| A66             | PCH at Crenshaw Blvd   | Caltrans Arterials  | SR-1          | Caltrans | Right of Way acquisition, Utility relocation, Roadway widening. Additional travel and dedicated right and left-turn lane installation & Traffic signal relocation. | Torrance                 | SR1                     | \$2,645,736  | Preliminary Design Complete No funding, Requires PSR    |
| A67             | SB 405 Off Ramp to 190th St.   | Caltrans Arterials  | I-405         | Caltrans | Harbor Gateway Project mitigation measure improvement has not been completed.  | Torrance/Caltrans        | Harbor Gateway          |              | Developer Project                                       |
| A68             | NB 405 Off Ramp to Western Ave.  | Caltrans Arterials  | I-405         | Caltrans | Harbor Gateway Project mitigation measure improvement has not been completed.  | Torrance/Caltrans        | Harbor Gateway          |              | Developer Project                                       |
| <b>Freeways</b> |  |                     |               |          |  |                          |                         |              |   |
| F1              | 405: Avalon  | Ramp                | I-405         | Caltrans | Modifications to Interchange.  | Carson                   | Avalon Blvd.            | \$29,120,000 | In design.  |
| F2              | 405: Wilmington  | Ramp                | I-405         | Caltrans | Widen Wilmington Ave. from 223rd St., including 405 ramp modification.   | Carson                   | Wilmington Ave.         | \$29,000,000 | Received \$4M in Metro 07 Call, In design               |
| F3              | SR 91 and 110  | Ramp                | SR-91/I-110   | Caltrans | HOV Connector from S to E; E to N.   | El Segundo               |                         |              | No funding; Requires PSR                                |
| F4              | 405: Inglewood Ave to Rosecrans  | Auxiliary lane      | I-405         | Caltrans | Add NB auxiliary lane.   | Gardena                  |                         |              | No funding; Requires PSR                                |

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|-----|---|----------------|-------|----------|--|--------------------------|-----------------------------|---------------|--|
| F5  | 405: Rosecrans/Hindry Avenue                | Ramp           | I-405 | Caltrans | Widen NB off-ramp to Rosecrans/Hindry.   | Hawthorne                | Rosecrans SB                | \$13,000,000  | No funding; Requires PSR                             |
| F6  | 405: Rosecrans Avenue                       | Ramp           | I-405 | Caltrans | Widen SB off-ramp at Rosecrans; signalize SB Rosecrans off-ramp. Highway safety improvement program.   | Hawthorne                | Rosecrans SB                | \$13,000,000  | In-design, Preliminary Design Complete, Requires PSR |
| F7  | 105: Crenshaw                               | Auxiliary lane | I-105 | Caltrans | Add WB auxiliary lane Crenshaw on to Crenshaw off.   | Hawthorne                |                             |               | No funding; Requires PSR                             |
| F8  | 105: Yukon To Crenshaw                      | Auxiliary lane | I-105 | Caltrans | Add EB auxiliary lane.   | Hawthorne                |                             | \$29,000,000  | No funding; Requires PSR                             |
| F9  | Rosecrans Ave. access point                 | Ramp           | I-405 | Caltrans | Implement I-405 at Rosecrans Ave. Access Point improvement project   | Hawthorne                | I-405                       |               |  |
| F10 | WB I-105: Crenshaw Blvd. Off and On         | Auxiliary lane | I-105 | Caltrans | Add WB auxiliary lane  | Hawthorne                | I-105                       | \$13,000,000  |  |
| F11 | 405: Hawthorne to 105                       | Lane Add       | I-405 | Caltrans | Add NB lane from Hawthorne Blvd. to 105  | Hawthorne, Redondo Beach |                             | \$210,000,000 | No funding; Requires PSR                             |
| F12 | WB I-105: from I-405 to Prairie Ave         | Auxiliary lane | I-105 | Caltrans | Add WB auxiliary lane  | Hawthorne/Inglewood      | I-105                       |               |  |
| F13 | 405: Manchester Avenue                      | Ramp           | I-405 | Caltrans | Widen NB off-ramp to Manchester Blvd. And close Ash Avenue.  | Inglewood                | Manchester NB               | \$20,000,000  | In design by Caltrans                                |
| F14 | 405: La Cienega Blvd.                       | Ramp           | I-405 | Caltrans | Widen SB I-405 on-ramp from SB La Cienega Blvd.  | Inglewood                |                             | \$13,000,000  |  |
| F15 | 405: Florence Ave to Howard Hughes Parkway  | Ramp           | I-405 | Caltrans | Add SB auxiliary lane from Florence Ave. to Howard Hughes Parkway.   | LA, Inglewood            |                             |               | No funding; Requires PSR                             |
| F16 | 405 - South of SR 90                        | Ramp           | I-405 | Caltrans | Realign S of SR 90 at bend north of Manchester Blvd.   | LA, Inglewood            |                             |               | No funding; Requires PSR                             |
| F17 | 405: 105 to SR 90                           | Interchange    | I-405 | Caltrans | Add connector metering between 105 and SR 90 interchanges.   | LA, Inglewood            |                             |               | No funding; Requires PSR                             |
| F18 | 405: Hawthorne Blvd.                        | Ramp           | I-405 | Caltrans | Reopen SB Hawthorne Blvd. to NB 405 and upgrade signalization at SB & NB ramps.  | Lawndale                 | Hawthorne NB & SB, Lawndale |               | No funding; Requires PSR                             |
| F19 | 405: SR 107 to Inglewood Ave.               | Auxiliary lane | I-405 | Caltrans | Add NB auxiliary lane.   | Lawndale                 |                             |               | No funding; Requires PSR                             |
| F20 | 405:Redondo Beach Blvd. to Hawthorne Blvd.  | Auxiliary lane | I-405 | Caltrans | Add NB auxiliary lane.   | Lawndale                 |                             |               | No funding; Requires PSR                             |
| F21 | 405: Hawthorne Blvd. to Inglewood Ave.      | Auxiliary lane | I-405 | Caltrans | Add NB auxiliary lane .  | Lawndale                 |                             | \$52,000,000  | No funding; Requires PSR                             |
| F22 | NB On and Off-ramps at Hawthorne Blvd.      | Ramp           | I-405 | Caltrans | Reopen SB Hawthorne Blvd. to NB I-405, upgrade signalization at I-405 SB and NB off-ramps at Hawthorne Blvd.   | Lawndale                 | I-405                       |               |  |
| F23 | NB On-ramp at Inglewood Ave.                | Ramp           | I-405 | Caltrans | Widen loop on-ramp   | Lawndale/Redondo Beach   | I-405                       |               |  |
| F24 | 405: 190th/Western Avenue                   | Ramp           | I-405 | Caltrans | Widen SB on ramp at 190th.   | Los Angeles              | Western/190th St.           |               | No funding; Requires PSR                             |
| F25 | 405 @ 110 Interchange                       | Interchange    | I-405 | Caltrans | Widen from 3 to 4 lanes through interchange.   | Los Angeles              |                             |               | No funding; Requires PSR                             |
| F26 | SB On-ramp at 190th                         | Ramp           | I-405 | Caltrans | Widen SB on-ramp   | Los Angeles              | I-405                       |               |  |
| F27 | 405: Manchester Blvd. to Century Blvd.      | Ramp           | I-405 | Caltrans | Add SB auxiliary lane Manchester Blvd. to Century Blvd.  | Los Angeles, Inglewood   |                             |               | No funding; Requires PSR                             |
| F28 | NB I-405: Inglewood Blvd. to Rosecrans Ave. | Auxiliary lane | I-405 | Caltrans | Add NB auxiliary lane  | Manhattan Beach          | I-405                       | \$51,000,000  |  |
| F29 | 405: Inglewood Avenue                       | Ramp           | I-405 | Caltrans | Widen SB on-ramp from southbound Inglewood Avenue including a designated right-turn lane within existing ROW   | Redondo Beach            | Inglewood SB                | \$145,000     |  |
| F30 | 405: Inglewood Avenue                       | Ramp           | I-405 | Caltrans | Widen NB Inglewood loop on-ramp. Widen SB on-ramp and create right turn only lane in existing freeway ramp right of way area. City part: install a new right turn only lane southbound on Inglewood Avenue to the southbound 405 On-Ramp & Off-Ramp Landscaping Project removing undesirable/outdated landscaping along the I-405 southbound off-ramp onto Inglewood Avenue. | Redondo Beach, Lawndale  | Inglewood NB                | \$13,000,000  | No funding; Requires PSR Not submitted in 07 Call    |
| F31 | 405: 190th Street                           | Ramp           | I-405 | Caltrans | Widen 190th St. from SB 405 on-ramp to Western improving storage capacity.   | Torrance                 | 190th St.                   |               | Design completed. permit                             |
| F32 | 405: 190th Street                           | Ramp           | I-405 | Caltrans | Ramp widening to add new right turn pocket.  | Torrance                 | 190th St.                   | \$7,000,000   | Design completed                                     |
| F33 | 405: Crenshaw Blvd. /182nd                  | Ramp           | I-405 | Caltrans | Widen NB off-ramp to Crenshaw/182nd St.  | Torrance                 | Crenshaw/182 NB             | \$13,000,000  | No funding; Requires PSR                             |
| F34 | 405: Artesia Blvd.                          | Ramp           | I-405 | Caltrans | Modify NB on-ramp by adding a third lane.  | Torrance                 | Artesia NB                  | \$6,500,000   | No funding; Requires PSR                             |



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| F35 | 405:Western Avenue            | Ramp | I-405 | Caltrans | Widen SB on-ramp at 190th Street.          | Torrance | Western/190th St. |             | No funding;<br>Requires PSR |
| F36 | 405: 182nd Street             | Ramp | I-405 | Caltrans | Ramp widening for additional storage lane. | Torrance | 182nd St.         | \$3,500,000 | No funding;<br>Requires PSR |
| F37 | 405: Crenshaw Blvd.           | Ramp | I-405 | Caltrans | New SB on-ramp from NB Crenshaw.           | Torrance | Crenshaw          | \$8,500,000 | No funding;<br>Requires PSR |
| F38 | NB Off-ramp at Crenshaw Blvd. | Ramp | I-405 | Caltrans | Modify NB off-ramp                         | Torrance | I-405             |             |                             |

## Park and Ride

|    |  |                     |  |            |  |               |               |                |   |
|----|--|---------------------|--|------------|--|---------------|---------------|----------------|---|
| P1 | South Bay Pavilion Regional transit Center | Municipal Arterials |  | City       | Regional Transit Center on Del Amo Blvd  | Carson        | Citywide      | \$5.5K Prop. C |   |
| P2 | Artesia Station Park & Ride                | CALTRANS Transit    |  | Caltrans   | Expand Park & Ride facility.   | Gardena       |               |                |   |
| P3 | Redondo Beach Regional Transit Center      | Transit             |  | Metro/City | Construct a regional Transit Center including a 14 bus berth transit center building, a kiss-n-ride passenger dropoff, a park-and-ride vehicle lot for 282 vehicles and a police annex | Redondo Beach | Kingsdale Ave | \$6,595,778    | partially Funded/In Design,<br>\$3,200,000 needed |
| P4 | Torrance Transit Center                    | Transit             |  | Metro/City | Regional Transit Center  | Torrance      |               | \$16,000,000   | Funding Required                                  |

## Intelligent Transportation Systems

|    |  |                 |                              |          |   |                   |   |                   |                            |
|----|--|-----------------|------------------------------|----------|---|-------------------|---|-------------------|----------------------------|
| 11 | South Bay Forum Traffic Signal Corridors Project | ITS             | I-405/I-110                  | County   | Design & construction of multijurisdictional traffic signal synchronization, intersection operational improvements, and intelligent transportation system components on regional arterials. | County            | Various South Bay Routes (Crenshaw Bl, Prairie Ave, Aviation Bl)  | \$1.92M Shortfall | Partially Funded by Metro. |
| 12 | Avalon Bl TSSP                                   | ITS             | I-110                        | County   | Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,  | County            | Avalon Bl   | \$2,300,000       | No funding                 |
| 13 | El Segundo Bl TSSP                               | ITS             | I-405/ I-105                 | County   | Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,  | County            | El Segundo Bl   | \$1,000,000       | No funding                 |
| 14 | La Cienega Bl TSSP                               | ITS             | I-405                        | County   | Design & construction of multijurisdictional traffic signal synchronization and intersection operational improvements,  | County            | La Cienega Bl   | \$2,000,000       | No funding                 |
| 15 | City of Torrance ITS & Traffic Improvements      | ITS             | SR-107/ SR-213/ I-110/ I-405 | Torrance | Implement ITS components at locations not covered by '95 Metro CFP South Bay Signal Synch Project, to provide effective citywide and multi-jurisdictional traffic management                | Torrance          | Various   | \$1,363,351       | Metro 09 CFP               |
| 16 | Deployment of Integrated ITS Infrastructure      | ITS             | I-405/I-105                  | City     |   | Inglewood         | Throughout City   |                   | 4th Phase                  |
| 17 | Citywide Traffic Signal Improvement Project      | Municipal Arter | I-405                        | City     | Traffic Signal Improvements Citywide  | Lawndale          | Various   | \$2,700,000       | No Funding                 |
| 18 | LA County ITS project                            | ITS             | Various                      | County   | 19.6 miles of Fiber Optic Infrastructure & 129 CCTV cameras   | SB Cities, County | Various South Bay Routes (Artesia Bl, Manchester Bl, Crenshaw Bl) | \$10,000,000      | No funding                 |

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