



# City of Carson

## Report to Mayor and City Council

December 3, 2013  
New Business Discussion

**SUBJECT: CONSIDERATION TO ACCEPT AS COMPLETE FOR FOUR RUBBERIZED SLURRY SEAL PROJECTS WITHIN THE CITY OF CARSON**

Submitted by Massoud Ghiam, P.E.  
Acting Director of Public Works/City Engineer

Approved by Jacquelyn Acosta  
Acting City Manager

### **I. SUMMARY**

The following four rubberized slurry seal projects have been completed in accordance with approved plans and specifications (Exhibit No. 1):

- 1- Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13
- 2- Project No. 1347: Calas Park Parking Lot Slurry Seal and Striping
- 3- Project No. 1358: Veterans Park Parking Lot Slurry Seal and Striping
- 4- Project No. 1371: Carriage Crest Park Parking Lot Slurry Seal and Striping

It is requested that the City Council accept the work as complete and authorize staff to file the Notice of Completion.

### **II. RECOMMENDATION**

TAKE the following actions:

1. ACCEPT as complete Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13.
2. ACCEPT as complete Project No. 1347: Calas Park Parking Lot Slurry Seal and Striping.
3. ACCEPT as complete Project No. 1358: Veterans Park Parking Lot Slurry Seal and Striping.
4. ACCEPT as complete Project No. 1371: Carriage Crest Park Parking Lot Slurry Seal and Striping.
5. AUTHORIZE staff to file a Notice of Completion.

### **III. ALTERNATIVES**

1. DO NOT ACCEPT the projects as complete. However, Civil Code Section 3093 requires a Notice of Completion to be filed for record within 10 days, upon the completion and settlement of all public works project claims, if any.
2. Take another action the City council deems appropriate.

**IV. BACKGROUND**

The citywide rubberized slurry seal projects are listed in the City's Capital Improvement Program for FY 2012/13.

This project was a combination of the following four projects:

- 1- Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13
- 2- Project No. 1347: Calas Park Parking Lot Slurry Seal and Striping
- 3- Project No. 1358: Veterans Park Parking Lot Slurry Seal and Striping
- 4- Project No. 1371: Carriage Crest Park Parking Lot Slurry Seal and Striping

The Los Angeles County Transportation Development Act (TDA) Bicycle Pathway Fund, Park Development Fee Fund, Gas Tax Fund, Slurry Seal In-Lieu Fee, and the Measure "R" Local Fund were the funding sources for these projects.

In recent years, the City has been utilizing rubberized slurry seal, which has superior benefits over conventional slurry seal. The project locations were selected based on the recommendation of the City's Pavement Management System MicroPaver Program and the available budget. In an effort to maximize the economy of scale, staff concentrated on one section of the City within Maintenance Zone No. 6 which exhibited the highest need in order to prevent deterioration of and/or preserve existing pavement.

The project was bordered by 223rd Street, Avalon Boulevard, Carriagedale Drive and Figueroa Street. The attached Location List identifies the street names and limits of the rubberized slurry seal quantities (Exhibit No. 2).

The Plans, Specifications & Estimates (PS&E) were prepared by the City's Engineering Services Division staff.

The City of Los Angeles competitively bid a Slurry, Premix, Rubberized Emulsion Aggregate Slurry (REAS) annual contract by issuing Bid Event 1926. Bid Event 1926 was advertised on the City's website and available to bidders for downloading and submitting a bid response. Bid Event 1926 had an initial submission date of September 15, 2009, at 1:00 p.m.

Two companies submitted bids, as follows: Petrochem Manufacturing, Inc. (PMI) and Roy Allan Slurry Seal, Inc. Slurry samples were forwarded to the City of Los Angeles' Standards Division for analysis and it was determined that slurry samples submitted by Roy Allan Slurry Seal, Inc. did not meet the bid specifications. Therefore, the bid was awarded to PMI, the lowest bidder that complied with the specifications.

The City of Los Angeles' original agreement with PMI was for Calendar Year 2010, with the renewal option of four additional one-year periods. The latest agreement will expire on December 31, 2013. The City of Carson proposed to

piggy-back off the Calendar Year 2013 agreement between the City of Los Angeles and PMI for this project.

On March 19, 2013, the City Council approved the plans, specifications, estimates, Location Maps and Location List, and ordered the work for Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13 (Exhibit No. 3). At the same meeting, the City Council awarded a construction and materials purchase contract to PMI, in the amount of \$405,859.00 for these four projects.

PMI's responsibility was to provide slurry seal materials and apply them onto the roadway. The City was responsible for sweeping and crack sealing the roadway, providing traffic control during the construction phase, and replacing the striping after the slurry seal work was completed. The cost associated with the staff work (not including salaries), such as material and rental equipment costs, was covered by the budgeted project funds. Staff rented equipment from Crafcro, Inc., to sweep the streets, remove the existing striping, and crack seal the roadway. A purchase order was issued to PCI Striping Company, to replace the roadway marking and striping after the application of the roadway slurry seal was completed.

The following fiscal impact indicates that the new approach of construction and materials purchasing, to implement the annual slurry seal project, resulted in a savings of \$98,043.43, which is approximately 23% of the total project budget. This method can be used for future annual slurry seal projects.

#### V. FISCAL IMPACT

The distribution of the approved contract amount and actual expenditure for these projects are as follows:

| Description                                                                                                         | Approved Contract Amount | Actual Expenditure  |
|---------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|
| PMI: construction contract                                                                                          | \$405,859.00             | \$303,062.42        |
| Contingency for change orders, additional re-measured quantities and extra work                                     | 23,141.00                | 0.00                |
| PCI Striping Company                                                                                                | n/a                      | 9,994.50            |
| Crafcro, Inc.                                                                                                       | n/a                      | 17,852.67           |
| State of California: Crafcro, Inc. purchase "use tax"                                                               | n/a                      | 46.98               |
| PLA monitoring service agreement. The contractor is a member of the Construction Labor Union of Southern California | n/a                      | n/a                 |
| <b>TOTAL CONTRACT COST</b>                                                                                          | <b>\$429,000.00</b>      | <b>\$330,956.57</b> |

The projects' cost and funding summary is as follows:

| <b>Fund Source</b>                | <b>Account No.</b>         | <b>Allocated Amount</b> | <b>Actual Expenditure</b> |
|-----------------------------------|----------------------------|-------------------------|---------------------------|
| Gas Tax Fund                      | 12-80-999-004-8020/0133801 | \$207,000.00            | \$171,635.70              |
| Slurry Seal In-Lieu Fee (Fund 71) | 71-00-999-000-2401/3046503 | 57,000.00               | 0.00                      |
| Measure "R" Local                 | 54-80-999-004-8020/0133801 | 100,000.00              | 95,220.87                 |
| Park Development Fee              | 16-90-999-004-8020/0134701 | 5,000.00                | 4,100.00                  |
| TDA Bicycle Pathway               | 17-90-999-004-8020/0135801 | 50,000.00               | 50,000.00                 |
| Park Development Fee              | 16-90-999-004-8020/0137101 | 10,000.00               | 10,000.00                 |
| Total Cost                        |                            | \$429,000.00            | \$330,956.57              |
| Staff Costs                       |                            |                         | 11,903.64                 |
| <b>TOTAL PROJECT COST</b>         |                            |                         | <b>\$342,860.21</b>       |

**VI. EXHIBITS**

1. Location Maps. (pg. 6)
2. Location List. (pgs. 7-10)
3. Minutes, March 19, 2013, Item No. 11. (pg. 11)

Prepared by: Rick Boutros, P.E., Associate Civil Engineer

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TO:Rev10-14-2013

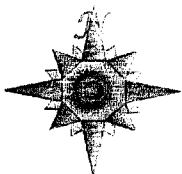
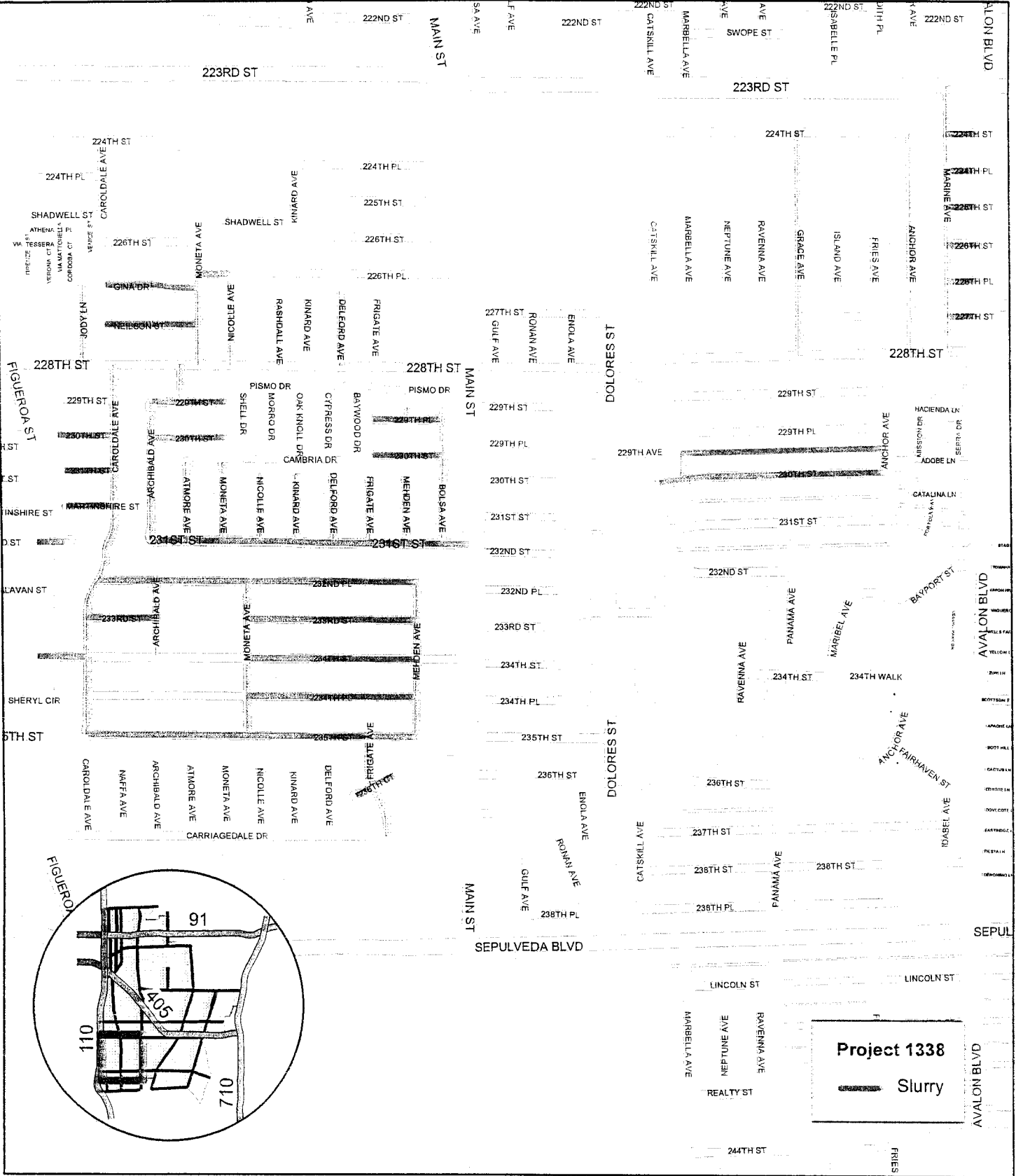
Reviewed by:

|                         |                    |
|-------------------------|--------------------|
| City Clerk              | City Treasurer     |
| Administrative Services | Public Works       |
| Community Development   | Community Services |

Action taken by City Council

Date \_\_\_\_\_

Action \_\_\_\_\_



**Location Map**  
**Project No. 1338**  
**Annual Citywide Slurry Seal FY 2012/13**

**EXHIBIT NO. 1**



SLURRY SEAL QIY'S ESTIMATE

| LEGEND      |                    |               | P= PRIMARY    |              | O= RESIDENTIAL   |          | O= COLLECTOR         |                   |                            |                         |                                     |                      |                     |                   |                    |  |
|-------------|--------------------|---------------|---------------|--------------|------------------|----------|----------------------|-------------------|----------------------------|-------------------------|-------------------------------------|----------------------|---------------------|-------------------|--------------------|--|
| Section NO. | Name               | From          | To            | Section Rank | Existing Surface | Length   | Width [Curb To Curb] | True Surface Area | Approx. Slurry Area (S.F.) | Approx. R&R Area (S.F.) | Approx. Basellaveling Course (S.F.) | Manhole Cover (Each) | Valve, Cover (Each) | Speed Hump (Each) | LOOP Detector (EA) |  |
| 1           | 224TH PL           | MARINE AVE    | END (E)       | O            | SS               | 210      | 26                   | 5,460             | 4,830                      |                         |                                     |                      |                     |                   |                    |  |
| 2           | 224TH ST           | MARINE AVE    | END (E)       | O            | SS               | 210      | 26                   | 5,460             | 4,830                      |                         |                                     |                      |                     |                   |                    |  |
| 3           | 225TH ST           | MARINE AVE    | END(E)        | O            | SS               | 210      | 26                   | 5,460             | 4,830                      |                         |                                     |                      |                     |                   |                    |  |
| 4           | 226TH PL           | MARINE AVE    | END (E)       | O            | SS               | 210      | 24                   | 5,040             | 4,410                      |                         |                                     |                      |                     |                   |                    |  |
| 5           | 226TH ST           | MARINE AVE    | AVALON BL     | O            | AC               | 245      | 24                   | 5,880             | 5,145                      |                         |                                     |                      |                     |                   |                    |  |
| 6           | 227TH ST           | END (W)       | RONAN AVE     | O            | AC               | 420      | 30                   | 12,600            | 11,340                     |                         |                                     |                      |                     |                   |                    |  |
| 7           | 227TH ST           | MARINE AVE    | END (E)       | O            | SS               | 210      | 26                   | 5,460             | 4,830                      |                         |                                     |                      |                     |                   |                    |  |
| 8*          | 227TH ST           | RONAN AVE     | DOLORES ST    | O            | AC               | 460      | 30                   | 13,800            | 0                          |                         |                                     |                      |                     |                   |                    |  |
| 9           | 229TH PL           | MEHDEN AVE    | BOLSA AVE     | O            | SS               | 230      | 36                   | 8,280             | 7,590                      |                         |                                     |                      |                     |                   |                    |  |
| 10*         | 229TH PL           | MAIN FRONT ST | 230TH ST      | O            | SS               | 600      | 36                   | 21,600            | 0                          |                         |                                     |                      |                     |                   |                    |  |
| 11          | 229TH PL           | END (W)       | MEHDEN AVE    | O            | SS               | 255      | 36                   | 9,180             | 8,415                      |                         |                                     |                      |                     |                   |                    |  |
| 12          | 229TH ST           | MAIN ST       | 229TH PL      | O            | SS               | 634      | 30                   | 19,008            | 0                          |                         |                                     |                      |                     |                   |                    |  |
| 13          | 229TH ST           | ARCHIBALD AVE | ATMORE        | O            | SS               | 175      | 36                   | 6,300             | 5,775                      |                         |                                     |                      |                     |                   |                    |  |
| 14          | 229TH ST           | ATMORE        | END (E)       | O            | AC               | 320      | 36                   | 11,520            | 10,560                     |                         |                                     |                      |                     |                   |                    |  |
| 15          | 230TH ST           | CATSKILL AVE  | ANCHOR AVE    | O            | AC               | 1,550.00 | 36                   | 55,800            | 51,150                     |                         |                                     |                      |                     |                   |                    |  |
| 16          | 230TH ST           | END (W)       | CAROLDALE AVE | O            | SS               | 705      | 28                   | 19,740            | 17,625                     |                         |                                     |                      |                     |                   |                    |  |
| 17          | 230TH ST           | ARCHIBALD AVE | END (E)       | O            | AC               | 505      | 36                   | 18,180            | 16,665                     |                         |                                     |                      |                     |                   |                    |  |
| 18          | 230TH ST           | END (W)       | BOLSA AVE     | O            | SS               | 470      | 34                   | 15,980            | 14,570                     |                         |                                     |                      |                     |                   |                    |  |
| 19          | Alley W/O 231ST ST | ANCHOR AVE    | 231ST ST      | O            | AC               | 750.00   | 16                   | 12,000            | 11,250                     |                         |                                     |                      |                     |                   |                    |  |
| 20          | 231ST ST           | END(W)        | CAROLDALE AVE | O            | AC               | 380      | 28                   | 10,640            | 9,500                      |                         |                                     |                      |                     |                   |                    |  |
| 21          | 231ST ST           | ARCHIBALD AVE | ATMORE AVE    | O            | SS               | 240      | 40                   | 9,600             | 8,880                      |                         |                                     |                      |                     |                   |                    |  |
| 22*         | 231ST ST           | MAIN FRONT ST | 232ND ST      | O            | SS               | 700      | 30                   | 21,000            | 0                          |                         |                                     |                      |                     |                   |                    |  |
| 23          | 231ST ST           | ATMORE AVE    | MONETA AVE    | O            | SS               | 255      | 40                   | 10,200            | 9,435                      |                         |                                     |                      |                     |                   |                    |  |
| 24          | 231ST ST           | MONETA AVE    | NICOLLE AVE   | O            | SS               | 260      | 40                   | 10,400            | 9,620                      |                         |                                     |                      |                     |                   |                    |  |
| 25          | 231ST ST           | NICOLLE AVE   | KINARD AVE    | O            | SS               | 260      | 40                   | 10,400            | 9,620                      |                         |                                     |                      |                     |                   |                    |  |
| 26          | 231ST ST           | KINARD AVE    | DEL FORD AVE  | O            | SS               | 260      | 40                   | 10,400            | 9,620                      |                         |                                     |                      |                     |                   |                    |  |
| 27          | 231ST ST           | DEL FORD AVE  | FRIGATE AVE   | O            | SS               | 255      | 40                   | 10,200            | 9,435                      |                         |                                     |                      |                     |                   |                    |  |
| 28          | 231ST ST           | FRIGATE AVE   | MEHDEN AVE    | O            | SS               | 255      | 40                   | 10,200            | 9,435                      |                         |                                     |                      |                     |                   |                    |  |
| 29          | 231ST ST           | MEHDEN AVE    | BOLSA AVE     | O            | SS               | 255      | 40                   | 10,200            | 9,435                      |                         |                                     |                      |                     |                   |                    |  |
| 30          | 231ST ST           | BOLSA AVE     | MAIN ST       | O            | SS               | 140      | 40                   | 5,600             | 5,180                      |                         |                                     |                      |                     |                   |                    |  |
| 31          | 232ND PL           | CAROLDALE AVE | ARCHIBALD AVE | O            | SS               | 375      | 30                   | 11,250            | 10,125                     |                         |                                     |                      |                     |                   |                    |  |
| 22*         | 232ND ST           | MAIN FRONT ST | 233RD ST      | O            | SS               | 745      | 30                   | 22,350            | 0                          |                         |                                     |                      |                     |                   |                    |  |

EXHIBIT NO. 02

| Section NO. | Name          | LEGEND        |               | P= PRIMARY   |              | O= RESIDENTIAL |              | C= COLLECTOR |              | Existing Surface | Length | Width (Curb To Curb) | True Surface Area | Approx. Slurry Area (S.F.) | Approx. P&R Area (S.F.) | Manhole Cover (Each) | Valve, Cover (Each) | Speed Hump (Each) | LOOF Detector (EA) |
|-------------|---------------|---------------|---------------|--------------|--------------|----------------|--------------|--------------|--------------|------------------|--------|----------------------|-------------------|----------------------------|-------------------------|----------------------|---------------------|-------------------|--------------------|
|             |               | From          | To            | Section Rank | Section Rank | Section Rank   | Section Rank | Section Rank | Section Rank |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 33          | 232ND PL      | ARCHIBALD AVE | MONETA AVE    | O            | SS           | 640            | 30           | 19,200       | 17,280       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 34          | 232ND PL      | MONETA AVE    | MEHDEN AVE    | O            | SS           | 1,210.00       | 30           | 36,300       | 32,670       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 35          | 232ND ST      | MAIN FRON ST  | 231ST ST      | O            | SS           | 715            | 30           | 21,450       | 19,305       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 36          | 232ND ST      | FIGUER (W) FR | END(E)        | O            | AC           | 180            | 28           | 4,480        | 4,000        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 37          | 233RD ST      | CAROLDALE AVE | ARCHIBALD AVE | O            | SS           | 445            | 30           | 13,350       | 12,015       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 38          | 233RD ST      | MONETA AVE    | MEHDEN AVE    | O            | SS           | 1,160.00       | 30           | 34,800       | 31,320       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 39          | 233RD ST      | 234TH ST      | DOLORES ST    | O            | SS           | 275            | 36           | 9,900        | 9,075        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 40          | 233RD ST      | DOLORES ST    | CATSKILL AVE  | O            | AC           | 300            | 36           | 10,800       | 9,900        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 41*         | 234TH PL      | MAIN ST       | 235TH ST      | O            | SS           | 830            | 30           | 24,900       | 0            |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 42          | 234TH PL      | MONETA AVE    | MEHDEN AVE    | O            | SS           | 1,155.00       | 36           | 41,580       | 38,115       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 43          | 234TH ST      | FIGUEROA BL   | CAROLDALE AVE | O            | SS           | 275            | 36           | 9,900        | 9,075        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 44**        | 234TH ST      | CAROLDALE AVE | ARCHIBALD AVE | O            | SS           | 470            | 36           | 0            | 0            |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 45          | 234TH ST      | MONETA AVE    | MEHDEN AVE    | O            | AC           | 1,195.00       | 36           | 43,020       | 39,435       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 46*         | 234TH ST      | MAIN FRON ST  | 233RD ST      | O            | SS           | 875            | 30           | 26,250       | 0            |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 47          | 235TH ST      | CAROLDALE AVE | MONETA AVE    | O            | SS           | 1,135.00       | 30           | 34,050       | 30,645       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 48          | 235TH ST      | MONETA AVE    | FRIGATE AVE   | O            | AC           | 855            | 30           | 25,650       | 23,085       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 49          | 235TH ST      | FRIGATE       | MEHDEN AVE    | O            | AC           | 320            | 30           | 9,600        | 8,640        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 50*         | 236TH CT      | END(W)        | FRIGATE AVE   | O            | SS           | 175            | 32           | 5,600        | 0            |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 51*         | 236TH CT      | FRIGATE AVE   | END(E)        | O            | SS           | 205            | 32           | 6,560        | 0            |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 52          | ANCHOR AVE    | 228TH ST      | 224TH ST      | O            | AC           | 1,510.00       | 36           | 54,360       | 49,830       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 53          | ARCHIBALD AV  | 234TH ST      | 233RD ST      | O            | SS           | 250            | 36           | 9,000        | 8,250        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 54          | ARCHIBALD AV  | 231ST ST      | 230TH ST      | O            | AC           | 695            | 36           | 25,020       | 22,935       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 55          | ARCHIBALD AV  | 233RD ST      | 232ND PL      | O            | SS           | 240            | 36           | 8,640        | 7,920        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 56          | ARCHIBALD AV  | 230TH ST      | 229TH ST      | O            | AC           | 225            | 36           | 8,100        | 7,425        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 57          | ATMORE AVE    | 231ST ST      | END (N)       | O            | AC           | 550            | 34           | 18,700       | 17,050       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 58          | ATMORE AVE    | 229TH ST      | 228TH ST      | O            | AC           | 220            | 34           | 7,480        | 6,820        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 59          | BOLSA AV      | 231ST ST      | 230TH ST      | O            | SS           | 595            | 36           | 21,420       | 19,635       |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 60          | BOLSA AV      | 230TH ST      | 229TH PL      | O            | SS           | 250            | 36           | 9,000        | 8,250        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 61          | BOLSA AV      | 229TH PL      | END (N)       | O            | AC           | 80             | 36           | 2,880        | 2,640        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 62          | CAROLDALE AVE | 234TH PL      | 234TH ST      | O            | AC           | 265            | 36           | 9,540        | 8,745        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 63          | CAROLDALE AVE | SHADWELL AVE  | 224TH PL      | O            | SS           | 275            | 38           | 10,450       | 9,625        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |
| 64          | CAROLDALE AVE | 235TH ST      | 234TH PL      | O            | AC           | 270            | 36           | 9,720        | 8,910        |                  |        |                      |                   |                            |                         |                      |                     |                   |                    |



## Annual Citywide Slurry Seal, Project No. 1338 - FY 2012 / 13

CITY OF CARSON

| LEGEND      |                |                |                |              |                  |              |                      |                   |                            |                         |                                     |                      |                    |                   |                     |
|-------------|----------------|----------------|----------------|--------------|------------------|--------------|----------------------|-------------------|----------------------------|-------------------------|-------------------------------------|----------------------|--------------------|-------------------|---------------------|
| P= PRIMARY  |                |                | O= RESIDENTIAL |              |                  | C= COLLECTOR |                      |                   |                            |                         |                                     |                      |                    |                   |                     |
| Section NO. | Name           | From           | To             | Section Rank | Existing Surface | Length       | Width (Curb To Curb) | True Surface Area | Approx. Slurry Area (S.F.) | Approx. P&R Area (S.F.) | Approx. Base-leveling Course (S.F.) | Manhole Cover (Each) | Valve Cover (Each) | Speed Hump (Each) | LODP Deflector (EA) |
| 65          | CAROLDALE AVE  | 234TH ST       | 233RD ST       | O            | AC               | 270          | 36                   | 9,720             | 8,910                      |                         |                                     |                      |                    |                   |                     |
| 66          | CAROLDALE AVE  | 233RD ST       | 232ND PL       | O            | AC               | 285          | 36                   | 10,260            | 9,405                      |                         |                                     |                      |                    |                   |                     |
| 67          | CAROLDALE AVE  | 232ND PL       | MARTINSHIRE ST | O            | AC               | 530          | 36                   | 19,080            | 17,490                     |                         |                                     |                      |                    |                   |                     |
| 68          | CAROLDALE AVE  | MARTINSHIRE ST | 231ST ST       | O            | SS               | 245          | 36                   | 8,820             | 8,085                      |                         |                                     |                      |                    |                   |                     |
| 69          | CAROLDALE AVE  | 231ST ST       | 230TH ST       | O            | AC               | 245          | 36                   | 8,820             | 8,085                      |                         |                                     |                      |                    |                   |                     |
| 70          | CAROLDALE AVE  | 230TH ST       | 229TH ST       | O            | AC               | 245          | 36                   | 8,820             | 8,085                      |                         |                                     |                      |                    |                   |                     |
| 71          | CAROLDALE AVE  | 229TH ST       | 228TH ST       | O            | AC               | 235          | 36                   | 8,460             | 7,755                      |                         |                                     |                      |                    |                   |                     |
| 72          | DELFO RD AV    | 228TH ST       | END (N)        | O            | SS               | 490          | 36                   | 17,840            | 16,170                     |                         |                                     |                      |                    |                   |                     |
| 73          | DELFO RD AV    | 231ST ST       | END(N)         | O            | AC               | 460          | 34                   | 15,640            | 14,260                     |                         |                                     |                      |                    |                   |                     |
| 74          | FRIGATE AVE    | 231ST ST       | END (N)        | O            | AC               | 460          | 34                   | 15,640            | 14,260                     |                         |                                     |                      |                    |                   |                     |
| 75*         | FRIGATE AVE    | 236TH CR       | 235TH ST       | O            | SS               | 330          | 36                   | 11,880            | 0                          |                         |                                     |                      |                    |                   |                     |
| 76          | GINA DR        | END (W)        | MONETA AVE     | O            | SS               | 635          | 36                   | 22,860            | 20,955                     |                         |                                     |                      |                    |                   |                     |
| 77          | GRACE AV       | 228TH ST       | 224TH ST       | O            | SS               | 1,520.00     | 36                   | 54,720            | 50,160                     |                         |                                     |                      |                    |                   |                     |
| 78          | JODY LN        | 228TH ST       | END (N)        | O            | SS               | 535          | 24                   | 13,560            | 11,235                     |                         |                                     |                      |                    |                   |                     |
| 79          | KINARD AVE     | 231ST ST       | END (N)        | O            | AC               | 435          | 36                   | 15,860            | 14,355                     |                         |                                     |                      |                    |                   |                     |
| 80          | KINARD AVE     | 228TH ST       | END (N)        | O            | SS               | 460          | 34                   | 15,640            | 14,260                     |                         |                                     |                      |                    |                   |                     |
| 81          | MARINE AVE     | 228TH ST       | 227TH ST       | O            | SS               | 240          | 36                   | 8,640             | 7,920                      |                         |                                     |                      |                    |                   |                     |
| 82          | MARINE AVE     | 227TH ST       | 226TH PL       | O            | SS               | 240          | 36                   | 8,640             | 7,920                      |                         |                                     |                      |                    |                   |                     |
| 83          | MARINE AVE     | 226TH PL       | 226TH ST       | O            | SS               | 260          | 36                   | 9,360             | 8,580                      |                         |                                     |                      |                    |                   |                     |
| 84          | MARINE AVE     | 226TH ST       | 225TH ST       | O            | SS               | 260          | 36                   | 9,360             | 8,580                      |                         |                                     |                      |                    |                   |                     |
| 85          | MARINE AVE     | 225TH ST       | 224TH PL       | O            | SS               | 255          | 36                   | 9,180             | 8,415                      |                         |                                     |                      |                    |                   |                     |
| 86          | MARINE AVE     | 224TH PL       | 224TH ST       | O            | SS               | 255          | 36                   | 9,180             | 8,415                      |                         |                                     |                      |                    |                   |                     |
| 87          | MARINE AVE     | 224TH ST       | 223RD ST       | O            | SS               | 290          | 36                   | 10,440            | 9,570                      |                         |                                     |                      |                    |                   |                     |
| 88          | MARTINSHIRE ST | END (W)        | CAROLDALE AVE  | O            | AC               | 345          | 26                   | 8,970             | 7,935                      |                         |                                     |                      |                    |                   |                     |
| 89          | MEHDEN AVE     | 235TH ST       | 234TH PL       | O            | AC               | 315          | 28                   | 8,820             | 7,875                      |                         |                                     |                      |                    |                   |                     |
| 90          | MEHDEN AVE     | 229TH PL       | END (N)        | O            | SS               | 460          | 34                   | 15,640            | 14,260                     |                         |                                     |                      |                    |                   |                     |
| 91          | MEHDEN AVE     | 231ST ST       | END (N)        | O            | SS               | 460          | 34                   | 15,640            | 14,260                     |                         |                                     |                      |                    |                   |                     |
| 92          | MEHDEN AVE     | 234TH PL       | 234TH ST       | O            | SS               | 265          | 28                   | 7,420             | 6,625                      |                         |                                     |                      |                    |                   |                     |
| 93          | MEHDEN AVE     | 234TH ST       | 233RD ST       | O            | SS               | 270          | 36                   | 9,720             | 8,910                      |                         |                                     |                      |                    |                   |                     |
| 94          | MEHDEN AVE     | 233RD ST       | 232ND PL       | O            | SS               | 265          | 36                   | 9,540             | 8,745                      |                         |                                     |                      |                    |                   |                     |
| 95          | MONETA AVE     | 235TH ST       | 234TH PL       | O            | SS               | 260          | 36                   | 9,360             | 8,580                      |                         |                                     |                      |                    |                   |                     |
| 96          | MONETA AVE     | 231ST ST       | END (I)        | O            | AC               | 550          | 34                   | 18,700            | 17,050                     |                         |                                     |                      |                    |                   |                     |

| LEGEND      |              | P = PRIMARY |             | O = RESIDENTIAL |    | C = COLLECTOR |    | Existing Surface | Length | Width [Curb To Curb] | True Surface Area | Approx. Slurry Area (S.F.) | Approx. P&R Area (S.F.) | Approx. Basefill Exceeding Course (S.F.) | Manhole Cover (Each) | Valve Cover (Each) | Speed Hump (Each) | Loop Detection (EA) |  |  |
|-------------|--------------|-------------|-------------|-----------------|----|---------------|----|------------------|--------|----------------------|-------------------|----------------------------|-------------------------|------------------------------------------|----------------------|--------------------|-------------------|---------------------|--|--|
| Section NO. | Name         | From        | To          | Section Rank    |    |               |    |                  |        |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 97          | MONETA AVE   | 228TH ST    | NEILSON AVE | C               | SS | 265           | 40 | 10,600           | 9,805  |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 98          | MONETA AVE   | 234TH PL    | 234TH ST    | O               | SS | 265           | 36 | 9,540            | 8,745  |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 99          | MONETA AVE   | NEILSON AVE | GINA DR     | C               | SS | 245           | 40 | 9,800            | 9,065  |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 100         | MONETA AVE   | 234TH ST    | 233RD ST    | O               | SS | 270           | 36 | 9,720            | 8,910  |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 101         | MONETA AVE   | GINA DR     | NICOLLE AVE | C               | SS | 105           | 40 | 4,200            | 3,885  |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 102         | MONETA AVE   | 233RD ST    | 232ND ST    | O               | SS | 245           | 36 | 8,820            | 8,085  |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 103         | NEILSON AVE  | END (W)     | MONETA AVE  | O               | SS | 635           | 36 | 22,860           | 20,955 |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 104         | NICOLLE AV   | 228TH ST    | MONETA AVE  | O               | SS | 815           | 30 | 24,450           | 22,005 |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 105         | NICOLLE AV   | 231ST ST    | END(N)      | O               | AC | 420           | 34 | 14,280           | 13,020 |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
| 106         | RASHDALL AVE | 228TH ST    | END (N)     | O               | SS | 420           | 26 | 10,920           | 9,660  |                      |                   |                            |                         |                                          |                      |                    |                   |                     |  |  |
|             |              |             |             |                 |    |               |    |                  |        |                      |                   | 1,237,940                  |                         |                                          |                      |                    |                   |                     |  |  |
|             |              |             |             |                 |    |               |    |                  |        |                      |                   | S.F.                       |                         |                                          |                      |                    |                   |                     |  |  |
|             |              |             |             |                 |    |               |    |                  |        |                      |                   | 46,624                     |                         |                                          |                      |                    |                   |                     |  |  |
|             |              |             |             |                 |    |               |    |                  |        |                      |                   | L.F.                       |                         |                                          |                      |                    |                   |                     |  |  |

|       |       |       |
|-------|-------|-------|
| REAS  | QTY   | GAL   |
| RANGE | RANGE | RANGE |

103,162 GAL  
123,794 GAL

**ITEM NO. (11)      CONSIDER APPROVAL OF PLANS, SPECIFICATIONS AND ESTIMATES, AND AWARD OF A CONSTRUCTION AND MATERIALS PURCHASE CONTRACT FOR FOUR RUBBERIZED SLURRY SEAL PROJECTS WITHIN THE CITY OF CARSON (PUBLIC WORKS DEPARTMENT)**

RECOMMENDATION for the City Council:

TAKE the following actions:

1. APPROVE the plans, specifications, estimates, Location Maps and Location List, and order the work for Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13.
2. MAKE the California Environmental Quality Act finding that the proposed Citywide Rubberized Slurry Seal is categorically exempt pursuant to Section 15301, 15301(c) and 15301(d) of the California Environmental Quality Act guidelines.
3. AUTHORIZE staff to record the "Notice of Exemption" in the office of the Los Angeles County Clerk for Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13.
4. WAIVE the formal bid process defined by the Carson Municipal Code, Section 2607, as allowed by Section 2604(d).
5. AUTHORIZE the City of Carson to piggy back off of a competitively bid contract between the City of Los Angeles and Petrochem Manufacturing, Inc.
6. APPROPRIATE \$100,000.00 from the Measure "R" Local fund balance for Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13.
7. AWARD a construction and materials purchase contract to Petrochem Manufacturing, Inc., in the amount of \$405,859.00 for Project No. 1338: Citywide Rubberized Slurry Seal FY 2012/13.
8. AUTHORIZE the Mayor to execute the construction and materials purchase contract following approval as to form by the City Attorney.

ACTION: Item No. 11 was approved on the New Business Consent Calendar on motion of Dear, seconded by Santarina and unanimously carried by the following vote:

Ayes: Mayor/Agency Chairman/Authority Chairman Dear, Mayor Pro Tem/Agency Vice Chairman/Authority Vice Chairman Ruiz-Raber, Council Member/Agency Member/Authority Commissioner Davis-Holmes, Council Member/Agency Member/Authority Commissioner Gipson, and Council Member/Agency Member/Authority Commissioner Santarina

Noes: None  
Abstain: None  
Absent: None

