



City of Carson Report to Mayor and City Council

March 16, 2011
New Business Consent

SUBJECT: CONSIDER AN AWARD OF A CONSTRUCTION CONTRACT FOR PROJECT NO. 1311 [FEDERAL NO. STPL-5403(019)]: WILMINGTON AVENUE PAVEMENT RESTORATION FROM DEL AMO BOULEVARD TO VICTORIA STREET

Submitted by M. Victor Rollinger
Development Services General Manager

Approved by Clifford W. Graves
Interim City Manager

I. SUMMARY

On January 18, 2011, the City Council approved plans, specifications and estimates (PS&E), and instructed the staff to advertise the work and call for bids for Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street (Exhibit Nos. 1 and 2). Eight bids were received and opened by the City Clerk on February 23, 2011. The lowest responsible bidder is Silvia Construction, Inc. with a bid in the amount of \$1,166,463.54.

Engineering Services staff submitted a Request for Proposal to four consulting firms on the city's consultant list to provide material testing services. All four firms submitted proposals and were placed on the ranking list for this project. The top ranked firm, and most qualified, is Hushmand Associates, Inc.

II. RECOMMENDATION

TAKE the following actions:

1. AWARD a construction contract for Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street in the amount of \$1,166,463.54, to the lowest responsible bidder, Silvia Construction, Inc.
2. AUTHORIZE the expenditure of a construction contingency, if necessary, in the amount of \$174,969.00 (15%) for change orders such as the removal and remediation of contaminated soil, substructure conflicts, and other unforeseen construction work that may be required to complete this project.
3. AUTHORIZE the Mayor to execute the construction contract following approval as to form by the City Attorney.
4. AUTHORIZE a material testing service agreement in the amount of \$14,945.00 by Hushmand Associates, Inc.

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III. ALTERNATIVES

1. REJECT all bids.
2. TAKE another action the City Council deems appropriate.

IV. BACKGROUND

The City of Carson is planning to undertake Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street.

The funding for this project is provided by the Surface Transportation Program Local (STPL) federal fund with matching funds of 11.47% required from the city.

In February 2009, the United States Congress approved the America Recovery and Reinvestment Act of 2009 (ARRA), a federal economic stimulus fund program. The ARRA entitled the City of Carson to receive \$2,867,000.00 for projects that were ready for construction within 120 days of the fund availability date. The City of Carson nominated Project No. 1006: Broadway Improvements from Griffith Street to Alondra Boulevard. The estimated project cost was \$3,000,000.00. The city received a construction bid of \$1,896,686.12. A total amount of \$2,000,000.00 of ARRA funds was obligated for this project to cover unforeseen additional work costs during the construction activities.

Since numerous cities within the Los Angeles county area, including the City of Carson, had unused balances of ARRA funds, which were subject to lapse, the Metropolitan Transportation Authority (Metro) decided to utilize these funds on their ongoing projects by exchanging the ARRA funds with STPL federal funds for each city. Therefore, an amount equal to the remaining balance of \$867,000.00 of ARRA funds was added to the city's STPL federal fund balance. As of April 14, 2010, the city's STPL federal fund balance was approximately \$1,400,000.00.

The City of Carson is entitled to receive approximately \$280,000.00 of STPL federal funds each year. This fund is subject to lapse if not obligated within three years of the original allocation date. The City of Carson has no funds subject to lapse at this time.

In general, the Wilmington Avenue asphalt pavement is in very poor condition and now requires attention. Rehabilitation of this street will also restore ride quality, avoid excessive maintenance costs, restore pavement structural integrity, extend the service life of the road, and provide a safe route for commuters and heavy trucks. The total length of this project is approximately 2.2 miles.

Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street consists of grinding existing asphalt pavement and overlaying it with two inches of rubberized asphalt, which has superior benefits when compared with conventional asphalt, the removal and reconstruction of deteriorated sections of the roadway, pavement markings and re-striping, and other related work.

In accordance with the federal and state requirements, to be eligible for reimbursement, the project must be placed in a specific federal or state funding program, and the local agency must obtain authorization to proceed with each phase of the project from the California Department of Transportation (Caltrans).

In November 2009, a request was submitted to Metro for this project to be added to the STPL federal fund project list. Metro compiles the list of state and federally funded projects, and then Caltrans processes the funding obligation and reimbursement.

On March 11, 2010, a request for authorization to proceed with construction was submitted to Caltrans. On April 30, 2010, Caltrans issued an authorization to advertise the project for construction bids. Caltrans' construction authorization, in the form of an E-76, and the execution of a Program Supplement Agreement to Administering Agency-State Master Agreement No. 07-5403R between the state and the city, would obligate up to \$1,398,774.00 in STPL federal funds for the construction phase of this project.

On July 6, 2010, the City Council adopted Resolution No. 10-067 authorizing the execution of Program Supplement Agreement No. N013 to Administering Agency-State Master Agreement No. 07-5403R between the state and the city (Exhibit No. 3).

On August 10, 2010, Caltrans executed Program Supplement Agreement No. N013 to Administering Agency-State Master Agreement No. 07-5403R, which obligated up to \$1,398,774.00 in the STPL federal fund for the construction phases of this project. At that time, Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street was ready to be advertised for construction bids. However, Project No. 1241 [Federal No. STPL-5403(018)]: FY 2009/10 Annual Overlay Program was on-going. Therefore, it was in the city's best interest to schedule Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street to start construction after the completion of Project No. 1241 and avoid performing construction during the rainfall season, which is between October 15 and April 15, of each year.

On January 18, 2011, the City Council approved the PS&E, and instructed the staff to advertise the work and call for bids for Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street

On February 23, 2011, Eight bids were received and opened by the City Clerk as listed below:

| <u>Bidder</u> | <u>Place of Business</u> | <u>Total Bid</u> |
|---------------------------------|--------------------------|------------------|
| 1. Silvia Construction, Inc. | Rancho Cucamonga, CA | \$1,166,463.54 |
| 2. Sully-Miller Contracting Co. | Brea, CA | \$1,204,500.00 |
| 3. Shawnan | Downey, CA | \$1,228,975.64 |
| 4. All American Asphalt | Corona, CA | \$1,235,000.00 |
| 5. EBS, Inc. | Corona, CA | \$1,238,071.28 |
| 6. Excel Paving Company | Long Beach, CA | \$1,274,207.62 |
| 7. Hardy & Harper, Inc. | Santa Ana, CA | \$1,277,000.00 |
| 8. Sequel Contractors, Inc. | Santa Fe Springs, CA | \$1,359,624.94 |

Staff has reviewed the bids and finds that the lowest responsible bidder, Silvia Construction, Inc. is a bona fide contractor licensed by the state of California. The bid bond, in the amount of 10% of the total bid, as supplied by Fidelity and Deposit Company, under the laws of the state of Maryland is in order and was submitted with the bid. The contractor's references have been checked, and it has been verified that the contractor has completed similar projects in an acceptable manner.

On January 31, 2011, Engineering Services staff submitted a Request for Proposal to four consulting firms on the city's consultant list to provide material testing services during the implementation of Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street.

On February 9, 2011, four proposals were received as listed below:

| <u>Firm</u> | <u>Place of Business</u> | <u>Total Fee</u> |
|-------------------------------|--------------------------|------------------|
| 1. Hushmand Associates, Inc. | Irvine, CA | \$14,945.00 |
| 2. Converse Consultant, Inc. | Monrovia, CA | \$24,640.00 |
| 3. Twining Laboratories, Inc. | Long Beach, CA | \$36,917.92 |
| 4. Leighton Consulting, Inc. | Irvine, CA | \$38,945.00 |

Staff has reviewed the proposals and they were placed on the ranking list for this project. The top ranked firm, and most qualified, is Hushmand Associates, Inc.

The approximate timeline and the status of this project is as follows:

| | |
|---------------------------------------|------------------|
| Program Supplement Agreement approval | July 6, 2010 |
| Approval of PS&E | January 18, 2011 |
| Advertise Notice Inviting Bids | January 19, 2011 |
| Award of construction contract | March 16, 2011 |
| Start of construction | April 2011 |
| Completion of construction | July 2011 |

V. FISCAL IMPACT

The total estimated construction cost of this improvement project is \$1,580,000.00. Funds for this project are included in the adopted FY 2010/11 STPL federal and Proposition 42 fund budgets.

The project funding sources, account numbers and amounts are as follows:

| Fund Source | Account No. | Amount |
|--------------------|----------------------------|-----------------------|
| STPL federal | 20-80-999-851-8020/0131101 | \$1,398,774.00 |
| Proposition 42 | 67-80-500-004-8020/0131101 | 181,226.00 |
| TOTAL | | \$1,580,000.00 |

VI. EXHIBITS

1. Location Map. (pg. 7)
2. Minutes, January 18, 2011, Item No. 12. (pg. 8)
3. Minutes, July 6, 2010, Item No. 15. (pg. 9)

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

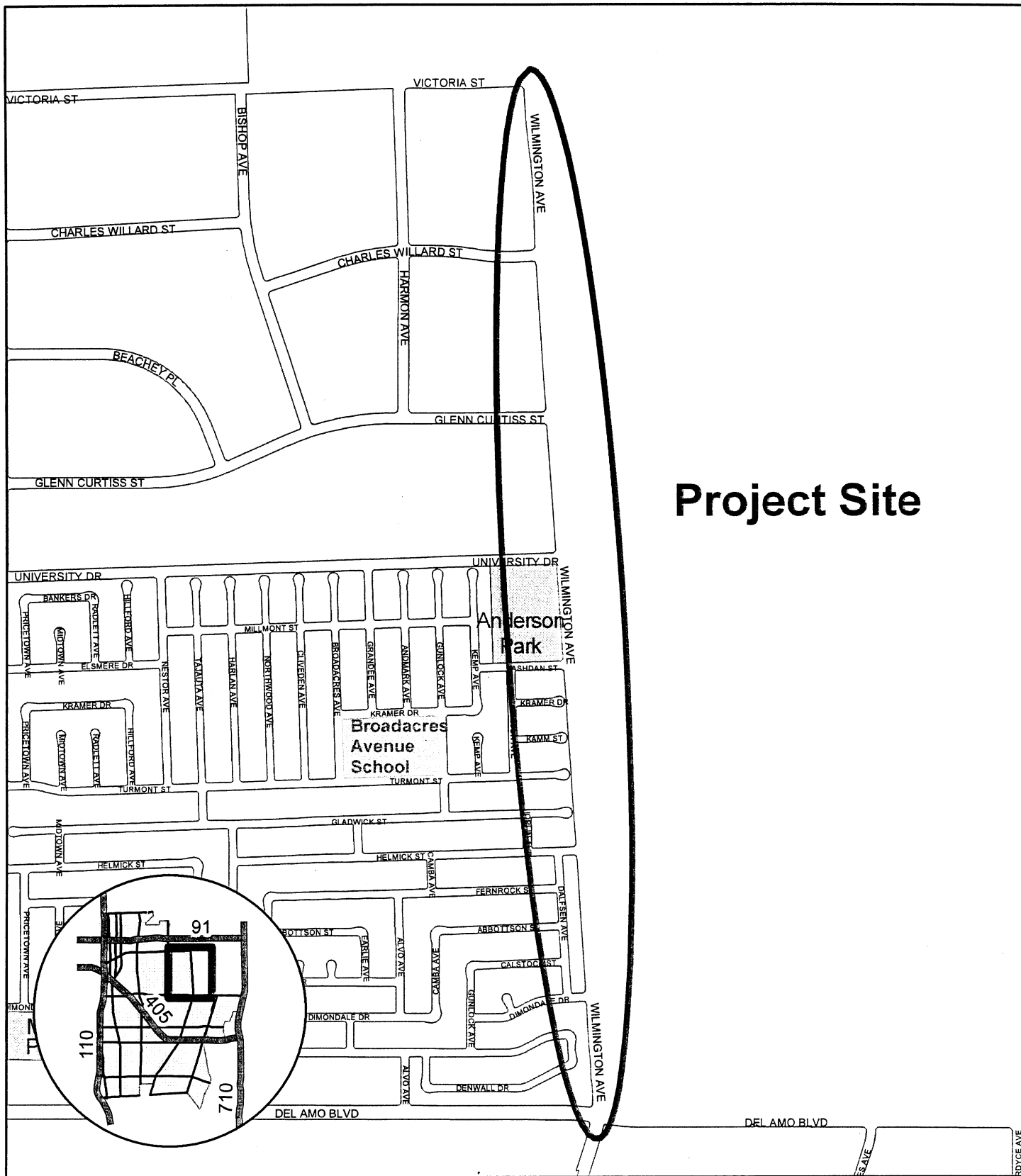
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Reviewed by:

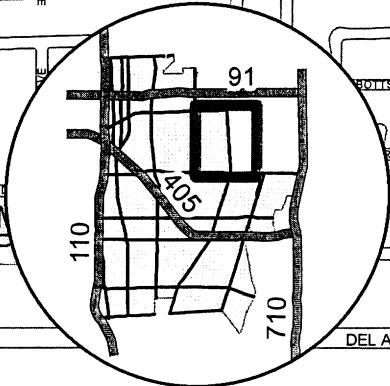
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|--------------------------------------|-----------------------------|
| <u>City Clerk</u> | <u>City Treasurer</u> |
| <u>Administrative Services</u> | <u>Development Services</u> |
| <u>Economic Development Services</u> | <u>Public Services</u> |

Action taken by City Council

Date _____ Action _____

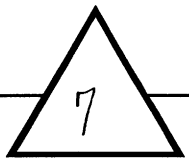


Project Site



**Location Map
Project No. 1311
Wilmington Avenue Pavement Reconstruction**

EXHIBIT NO. 1



ITEM NO. (12) CONSIDER APPROVAL OF PLANS, SPECIFICATIONS, AND ESTIMATES AND AUTHORIZATION TO ADVERTISE FOR CONSTRUCTION BIDS FOR PROJECT NO. 1311 [FEDERAL NO. STPL-5403(019)]: WILMINGTON AVENUE PAVEMENT RESTORATION FROM DEL AMO BOULEVARD TO VICTORIA STREET (DEVELOPMENT SERVICES)

RECOMMENDATION for the City Council:

TAKE the following actions:

1. APPROVE the plans, specifications, and estimates and order the work for Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street.
2. AUTHORIZE staff to advertise the work and call for construction bids for Project No. 1311 [Federal No. STPL-5403(019)]: Wilmington Avenue Pavement Restoration from Del Amo Boulevard to Victoria Street.

ACTION: Item No. 12 was approved on the New Business Consent Calendar on motion of Dear, seconded by Gipson and unanimously carried by the following vote:

Ayes: Mayor Dear, Mayor Pro Tem Santarina, Council Member Davis-Holmes, Council Member Gipson, and Council Member Ruiz-Raber
Noes: None
Abstain: None
Absent: None



ITEM NO. (15) CONSIDERATION OF RESOLUTION NO. 10-067, AUTHORIZING THE EXECUTION OF PROGRAM SUPPLEMENT AGREEMENT NO. N013 TO ADMINISTERING AGENCY-STATE MASTER AGREEMENT NO. 07-5403R FOR FEDERAL AID PROJECTS COVERING THE CONSTRUCTION PHASE OF PROJECT NO. 1311 [FEDERAL NO. STPL-5403(019)]: WILMINGTON AVENUE PAVEMENT RESTORATION FROM DEL AMO BOULEVARD TO VICTORIA STREET (DEVELOPMENT SERVICES)

RECOMMENDATION for the City Council:

1. WAIVE further reading and ADOPT Resolution No. 10-067, "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CARSON, CALIFORNIA, AUTHORIZING THE EXECUTION OF PROGRAM SUPPLEMENT AGREEMENT NO. N013 TO ADMINISTERING AGENCY-STATE MASTER AGREEMENT NO. 07-5403R FOR FEDERAL AID PROJECTS COVERING THE CONSTRUCTION PHASE OF PROJECT NO. 1311 [FEDERAL NO. STPL 5403(019)]: WILMINGTON AVENUE PAVEMENT RESTORATION FROM DEL AMO BOULEVARD TO VICTORIA STREET."

ACTION: Item No. 15 was previously approved on the New Business Consent Calendar on motion of Dear, seconded by Santarina and unanimously carried by the following vote:

Ayes: Mayor Dear, Mayor Pro Tem Santarina, Council Member Davis-Holmes, Council Member Gipson, and Council Member Ruiz-Raber
Noes: None
Abstain: None
Absent: None

