CITY COUNCIL AGENDA REPORT

MEETING DATE: NOVEMBER 16, 2010 **ITEM NUMBER:** VI-11

SUBJECT: AMERICAN RECOVERY AND REINVESTMENT ACT (ARRA) - ROADWAY REHABILITATION OF SANTA ANA AVENUE (FROM 17TH STREET TO 22ND STREET), FEDERAL PROJECT NO. ESPL – 5312 (074), CITY PROJECT NO. 09-14

DATE: NOVEMBER 4, 2010

FROM: PUBLIC SERVICES DEPARTMENT/ENGINEERING DIVISION

PRESENTATION BY: PETER NAGHAVI, DIRECTOR, DEPARTMENT OF PUBLIC SERVICES

FOR FURTHER INFORMATION CONTACT: ERNESTO MUÑOZ, CITY ENGINEER, (714) 754-5335

RECOMMENDATION:

1. Accept the work performed R.J. Noble Company, and authorize the City Clerk to file the Notice of Completion.

2. Release the Labor and Material Bond seven (7) months after the filing date; release the Faithful Performance Bond seven (7) months after the filing date; and release the retention monies 35 days after the Notice of Completion filing date.

BACKGROUND:

On January 19, 2010 a construction contract in the amount of $1,018,375.95 was awarded to R.J. Noble Company, 15505 East Lincoln Avenue, Orange, California, 92865.

The scope of work for this project consisted of mill and asphalt concrete overlay on Santa Ana Avenue between 17th Street and 19th Street and total reconstruction of asphalt concrete from 19th Street to 22nd Street. The work also included removal and reconstruction of damaged curb, gutter, sidewalks, and driveways; reconstruction of access ramps to comply with American with Disabilities Act; traffic control, striping and pavement markings; and all work as required per the contract documents.

Before Construction

Construction Completed

ANALYSIS:

The work required by the contract documents was completed on May 28, 2010, to the satisfaction of the City Engineer. The final contract cost amounted to $1,047,243.27. A report of the final costs is shown herein as Attachment "1".

A summary of the costs is as follows:

Original Contract Cost:	$1,018,375.95
Change Order No. 1	$4,003.14
Change Order No. 2	$24,864.18
Final Contract Cost:	$1,047,243.27

Change Order No. 1 included providing American Recovery and Reinvestment Act (ARRA) signage for the project, and modifications to the flashing pedestrian crosswalk on Santa Ana Avenue adjacent to Kaiser School.

Change Order No. 2 entailed adjustments to the asphalt oil content, and extra work required to address utility modifications.

The final contract price reflects a 2.8 percent increase to the original contract as a result of the aforementioned final quantity adjustments.

As of this date, there are no Stop Notices filed against the monies due to R.J. Noble Company.

ALTERNATIVES CONSIDERED:

There were no alternatives considered for this item.

FISCAL REVIEW:

This project was funded entirely with ARRA funds.

LEGAL REVIEW:

There is no legal review required on this item.

CONCLUSION:

The American Recovery and Reinvestment Act, Rehabilitation of Santa Ana Avenue, Federal Project No. ESPL 5312 (074), City Project No. 09-14 has been completed. It is recommended that the City Council authorize staff to file the Notice of Completion; release the remaining retention monies 35 days after the Notice of Completion filing date; and release the bonds accordingly.

ERNESTO MUÑOZ
City Engineer

PETER NAGHAVI, DIRECTOR
Department of Public Services

ATTACHMENT: "1" Cost Summary

DISTRIBUTION: City Manager
Assistant City Manager
City Attorney
City Clerk
Staff
File

CITY OF COSTA MESA

FOR PAYMENT ON THE WARRANT LIST OF 10/15/10

DATE: 10/12/10

PAGE: 1 OF 1

4th & Final Payment to: R. J. NOBLE
15505 E. LINCOLN AVE., ORANGE, CA 92865

PROJECT: REHABILITATION OF SANTA ANA AVENUE
Federal Project No. ESPL 5312 074 - City Project No. 09-14

PERIOD BEGINNING: 05/01/10
PERIOD ENDING: 05/31/10

ITEM NO	BID QUANTITY		DESCRIPTION	UNIT PRICE	PREVIOUS QUANTITY	QUANTITY THIS ESTIMATE	TOTAL QUANTITY TO DATE	PREVIOUS AMOUNT	AMOUNT THIS EST	TOTAL TO DATE	CONTRACT PRICE
1	1	LS	Mobilization	$29,000.00	100.00 %	0.00 %	100.00 %	$29,000.00	$0.00	$29,000.00	$29,000.00
2(F)	2,430	CY	Unclassified Excavation (Roadway Only)	$32.00	2,430.00 CY	1,026.57 CY	3,456.57 CY	$77,760.00	$32,850.35	$110,610.35	$77,760.00
3	3,320	TON	Asphalt Rubber Hot Mix (ARHM)	$70.00	3,014.58 TON	0.00 TON	3,014.58 TON	$211,020.60	$0.00	$211,020.60	$232,400.00
4	6,135	TON	Asphalt Concrete Base Course	$52.35	5,274.23 TON	0.00 TON	5,274.23 TON	$276,105.94	$0.00	$276,105.94	$321,167.25
5	34	EA	Adjust Manhole to Grade	$461.00	39.00 EA	0.00 EA	39.00 EA	$17,979.00	$0.00	$17,979.00	$15,674.00
6	64	EA	Adjust Water Valve to Grade	$415.00	65.00 EA	0.00 EA	65.00 EA	$26,975.00	$0.00	$26,975.00	$26,560.00
7	455	LF	Horizontal Sawcut	$20.60	549.00 LF	0.00 LF	549.00 LF	$11,309.40	$0.00	$11,309.40	$9,373.00
8	1,200	SF	Remove Exist. & Const. 6" PCC Driveway	$13.80	1,455.75 SF	0.00 SF	1,455.75 SF	$20,089.35	$0.00	$20,089.35	$16,560.00
9	1,480	SF	Remove Exist. & Constr. 8" PCC X-Gutter and Spandrel	$18.85	1,324.00 SF	0.00 SF	1,324.00 SF	$24,957.40	$0.00	$24,957.40	$27,898.00
10	625	LF	Remove Exist. & Constr. PCC Type C-8 Curb & Gutter	$54.60	957.00 LF	0.00 LF	957.00 LF	$52,252.20	$0.00	$52,252.20	$34,125.00
11	1,865	SF	Remove Exist. & Constr. 4" PCC Sidewalk	$9.20	3,681.00 SF	0.00 SF	3,681.00 SF	$33,865.20	$0.00	$33,865.20	$17,158.00
12	37	EA	Remove Exist. & Constr. PCC Curb Ramp	$2,200.00	47.00 EA	0.00 EA	47.00 EA	$103,400.00	$0.00	$103,400.00	$81,400.00
13	27	EA	Reset Existing Survey Monuments and Ties	$232.00	23.00 EA	0.00 EA	23.00 EA	$5,336.00	$0.00	$5,336.00	$6,264.00
14	159,500	SF	Cold Mill AC 4"	$0.12	86,121.00 SF	21,720.00 SF	107,841.00 SF	$10,334.52	$2,606.40	$12,940.92	$19,140.00
15	710	LF	Remove Exist. & Const. PCC Type C-6 Curb & Gutter	$52.00	701.00 LF	0.00 LF	701.00 LF	$36,452.00	$0.00	$36,452.00	$36,920.00
16	17	EA	Install Truncated Domes 4'x3'	$575.00	18.00 EA	0.00 EA	18.00 EA	$10,350.00	$0.00	$10,350.00	$9,775.00
17	72	LF	Grind Curb to 0" Lip	$12.35	70.00 LF	0.00 LF	70.00 LF	$864.50	$0.00	$864.50	$889.20
18	450	SF	Remove & Reconstruct Alley Approach	$15.95	333.00 SF	0.00 SF	333.00 SF	$5,311.35	$0.00	$5,311.35	$7,177.50
19	10	EA	Install RBPM	$10.30	0.00 EA	10.00 EA	10.00 EA	$0.00	$103.00	$103.00	$103.00
20	1	LS	Traffic Control & Temporary Striping	$7,000.00	50.00 %	50.00 %	100.00 %	$3,500.00	$3,500.00	$7,000.00	$7,000.00
21	1	LS	Traffic Striping, Pavement Marking and Signs	$11,520.00	100.00 %	0.00 %	100.00 %	$11,520.00	$0.00	$11,520.00	$11,520.00
22	10	EA	Install Traffic Signal Loop Detectors	$268.00	8.00 EA	0.00 EA	8.00 EA	$2,144.00	$0.00	$2,144.00	$2,680.00
23	13,000	LF	Paint Curb Red	$0.40	0.00 LF	3,346.00 LF	3,346.00 LF	$0.00	$1,338.40	$1,338.40	$5,200.00
24	10,400	SY	Subgrade Stabilization Geotextile Fabric (Mirafi 600X)	$0.71	0.00 SY	0.00 SY	0.00 SY	$0.00	$0.00	$0.00	$7,384.00
25	28,200	SY	Pavement Engineering Fabric (Petromat)	$0.09	0.00 SY	0.00 SY	0.00 SY	$0.00	$0.00	$0.00	$2,538.00
26	100	CY	Overexcavation	$14.00	12.00 CY	0.00 CY	12.00 CY	$168.00	$0.00	$168.00	$1,400.00
27	200	TON	Crushed Miscellaneous Base for Overexcavation	$6.55	0.00 TON	0.00 TON	0.00 TON	$0.00	$0.00	$0.00	$1,310.00
28	1	FA	Grind Uplifted Sidewalk	$10,000.00	0.00 FA	0.00 FA	0.00 FA	$0.00	$0.00	$0.00	$10,000.00
CO 1	1	LS	Extra Work at Agreed Prices	$4,003.14	0.00 %	100.00 %	100.00 %	$0.00	$4,003.14	$4,003.14	$4,003.14
CO 2	1	LS	Extra Work at Agreed Prices and Deletion of Contact Work	$32,147.52	0.00 %	100.00 %	100.00 %	$0.00	$32,147.52	$32,147.52	$24,864.18
							PROJECT TOTAL:	$970,694.46	$76,548.81	$1,047,243.27	$1,047,243.27

ATTACHMENT 1