



City of Carson

Report to Mayor and City Council

October 7, 2014
New Business Consent

SUBJECT: CONSIDERATION TO ACCEPT AS COMPLETE PROJECT NO. 1252 [FEDERAL NO. HPLUL-5403(021)]: A PEDESTRIAN BRIDGE ON 213TH STREET OVER THE DOMINGUEZ CHANNEL

Submitted by Bruce Barrette
Interim Director of Public Works

Approved by Nelson Hernandez
City Manager

I. SUMMARY

Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel (Exhibit No. 1) has been completed in accordance with approved plans and specifications.

During the construction phase of the project, several unforeseen issues were encountered that necessitated Change Order No. 1 - Construction items quantity adjustment and extra work in the amount of \$127,501.92. This amount consists of the previously authorized contingency of \$80,999.85 and a construction contract increase of \$46,502.07.

It is requested that the City Council approve Change Order No. 1, 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. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel.
2. APPROVE Change Order No. 1 in the amount of \$127,501.92 for Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel.
3. AUTHORIZE staff to file a Notice of Completion.

III. ALTERNATIVES

1. DO NOT ACCEPT the project 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.

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IV. BACKGROUND

The City's Capital Improvement Program (CIP) called for the design and construction of Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel. The Los Angeles County Measure "R" Local fund; and the Safe, Accountable, Flexible, and Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU) federal fund were the funding sources for this project.

On January 15, 2013, the City Council approved a Professional Services Agreement with KEC Engineers, Inc., for the preparation of plans, specifications and estimates (PS&E) for Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel for a negotiated fee not-to-exceed \$91,400.00 (Exhibit No. 2).

The project involved the construction of a 6-foot wide, 260-foot long sidewalk pedestrian bridge attached to the south side of the existing 213th Street bridge over the Dominguez Channel. The pedestrian bridge provides safe passage for pedestrians and wheelchairs and improves traffic operations in this area.

In accordance with the federal and state requirements, to be eligible for reimbursement, the project must be placed in a specific federal and/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 August 2005, a request was submitted to the Los Angeles County Metropolitan Transportation Authority (Metro) for this project to be added to the SAFETEA-LU federal fund project list. Metro compiles the list of state and federally-funded projects, and then Caltrans processes the funding obligation and reimbursement.

On October 10, 2013, a request for authorization to proceed with construction was submitted to Caltrans. 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 \$719,920.75 in the SAFETEA-LU federal fund for the construction phase of this project.

On November 6, 2013, the City Council approved the PS&E, ordered the work and authorized staff to advertise the work for construction bids immediately after issuance of an E-76 by Caltrans for Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel (Exhibit No. 3). On November 27, 2013, Caltrans authorized the City to advertise the work, and the bid opening was set for February 5, 2014.

On February 18, 2014, the City Council awarded a Construction Contract for Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel in the amount of \$539,999.00, to the lowest responsible bidder, Hypa Engineering Inc. (Exhibit No. 4). At the same meeting, the City Council approved a Professional Services Agreement with KEC Engineers, Inc., to provide bridge construction inspection and quality control for this project for a negotiated fee not-to-exceed \$95,300.00.

On February 18, 2014, the City Council adopted Resolution No. 14-007 authorizing the execution of Program Supplement Agreement No. N018 to Administering Agency-State Master Agreement No. 07-5403R between the state and the City (Exhibit No. 5).

On March 5, 2014, Caltrans executed Program Supplement Agreement No. N018 to Administering Agency-State Master Agreement No. 07-5403R, which obligated up to \$719,920.75 in the SAFETEA-LU federal fund for the construction phase of this project.

During the construction phase of the project, several unforeseen issues were encountered, such as the need to increase the number of the lower beams and brackets, an increase in the size of the anchor bolts, additional sidewalk footage, and existing fence replacement. This additional work was the result of an in-depth inspection and examination of the actual strength of the existing bridge structure, which was not known during the design phase of the project.

The increase in the quantities resulted in Change Order No. 1 - Construction items quantity adjustment and extra work in the amount of \$127,501.92.

Approval of Change Order No. 1 will increase the construction contract with Hypa Engineering Inc., in addition to the previously authorized contingency of \$80,999.85, by \$46,502.07. The total contract amount will be \$667,500.92.

V. FISCAL IMPACT

The distribution of the approved contract amount and actual expenditure for this project is as follows:

Description	Approved Contract Amount	Actual Expenditure
Transtech: grant application assistance	\$4,000.00	\$4,000.00
KEC Engineers, Inc.: PS&E	91,400.00	91,400.00
Hypa Engineering Inc.: construction contract	539,999.00	539,999.00
KEC Engineers, Inc.: inspection and quality control	95,300.00	95,300.00
Advertising, printing, County of Los Angeles Department of Public Works Plan check review, and miscellaneous	34,312.81	11,198.29
Sub-Total	\$765,011.81	\$741,897.29
Hypa Engineering Inc.: previously authorized contingency for change orders	80,999.85	80,999.85
Hypa Engineering Inc.: contingency increase for change orders, additional re-measured quantities, and extra work	46,502.07	46,502.07
Sub-Total	\$127,501.92	\$127,501.92
TOTAL CONTRACT COST	\$892,513.73	\$869,399.21

The project cost and funding summary is shown below:

Fund Source	Account No.	Allocated Amount	Actual Expenditure
Measure "R" Local	54-80-999-003-8020/0125201	\$278,273.00	\$255,158.48
Proposition 42	67-80-500-004-8020/0125201	4,000.00	4,000.00
Federal SAFETEA-LU	20-80-999-849-8020/0125201	610,240.73	610,240.73
Total Contract Cost		\$892,513.73	\$869,399.21
Staff Costs		26,139.95	26,139.95
TOTAL PROJECT COST		\$918,653.68	\$895,539.16

VI. EXHIBITS

1. Location Map. (pg. 6)
2. Minutes, January 15, 2013, Item No. 8. (pg. 7)
3. Minutes, November 6, 2013, Item No. 10. (pg. 8)
4. Minutes, February 18, 2014, Item No. 15. (pg. 9)
5. Minutes, February 18, 2014, Item No. 14. (pg. 10)

Prepared by: Massoud Ghiam, Senior Civil Engineer

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TO: Rev07-02-2014

Reviewed by:

City Clerk	City Treasurer
Administrative Services <i>Trina R. Callaghan</i>	Public Works
Community Development	Community Services

Action taken by City Council

Date _____ Action _____

**ITEM NO. (8) CONSIDERATION OF A PROFESSIONAL SERVICES AGREEMENT WITH
KEC ENGINEERS, INC., TO PREPARE THE PROJECT PLANS,
SPECIFICATIONS AND ESTIMATES FOR PROJECT NO. 1252: NEW
PEDESTRIAN BRIDGE ON 213TH STREET OVER THE DOMINGUEZ
CHANNEL (PUBLIC WORKS DEPARTMENT)**

RECOMMENDATION for the City Council:

TAKE the following actions:

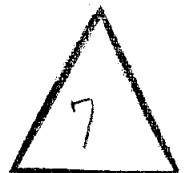
1. APPROVE a Professional Services Agreement with KEC Engineers, Inc., for the preparation of construction plans, specifications and estimates for Project No. 1252: New Pedestrian Bridge on 213th Street over the Dominguez Channel for a negotiated fee not-to-exceed \$91,400.00.
2. APPROPRIATE \$200,000.00 from the Measure "R" Local fund balance for Project No. 1252: New Pedestrian Bridge on 213th Street over the Dominguez Channel.
3. AUTHORIZE the Mayor to execute the Professional Services Agreement following approval as to form by the City Attorney.

ACTION: Item No. 8 was approved on the New Business Consent Calendar on motion of Dear, seconded by Ruiz-Raber and unanimously carried by the following vote:

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

Noes: None

Abstain: None



**ITEM NO. (10) CONSIDER APPROVAL OF PLANS, SPECIFICATIONS AND ESTIMATES,
AND AUTHORIZATION TO ADVERTISE FOR CONSTRUCTION BIDS
FOR PROJECT NO. 1252 [FEDERAL NO. HPLUL-5403(021)]: A
PEDESTRIAN BRIDGE ON 213TH STREET OVER THE DOMINGUEZ
CHANNEL (PUBLIC WORKS)**

RECOMMENDATION for the City Council:

TAKE the following actions:

1. APPROVE the plans, specifications and estimates, and order the work for Project No. 1252:
A Pedestrian Bridge on 213th Street over the Dominguez Channel.
2. MAKE the California Environmental Quality Act finding that the proposed pedestrian bridge
on 213th Street over the Dominguez Channel is categorically exempt pursuant to Section
15301, 15301(c) and 15301(f) 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. 1252: A Pedestrian Bridge on 213th Street over the
Dominguez Channel.
4. AUTHORIZE staff to advertise the work and call for construction bids for Project No. 1252:
A Pedestrian Bridge on 213th Street over the Dominguez Channel pending Caltrans' issuance
of the "Authorization to Proceed with Construction."

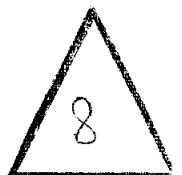
ACTION: Item No. 10 was approved on the New Business Consent Calendar on motion of Dear,
seconded by Gipson and unanimously carried by the following vote:

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

Noes: None

Abstain: None

Absent: None



**ITEM NO. (15) CONSIDER AN AWARD OF A CONSTRUCTION CONTRACT FOR
PROJECT NO. 1252 [FEDERAL NO. HPLUL-5403(021)]: A PEDESTRIAN
BRIDGE ON 213TH STREET OVER THE DOMINGUEZ CHANNEL
(PUBLIC WORKS)**

RECOMMENDATION for the City Council:

TAKE the following actions:

1. AWARD a Construction Contract for Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel, in the amount of \$539,999.00, to the lowest responsible bidder, Hypa Engineering Inc.
2. AUTHORIZE the expenditure of a construction contingency, if necessary, in an amount not-to-exceed \$80,999.85 (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. APPROVE a Professional Services Agreement with KEC Engineers, Inc., to provide bridge construction inspection and quality control for Project No. 1252: A Pedestrian Bridge on 213th Street over the Dominguez Channel for a negotiated fee not-to-exceed \$95,300.00.
4. AUTHORIZE the Mayor to execute the Construction Contract and Professional Services Agreement following approval as to form by the City Attorney.

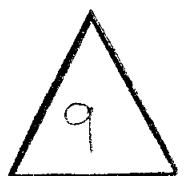
ACTION: Item No. 15 was approved on the New Business Consent Calendar on motion of Dear, seconded by Santarina and unanimously carried by the following vote:

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

Noes: None

Abstain: None

Absent: None



**ITEM NO. (14) CONSIDERATION OF RESOLUTION NO. 14-007, AUTHORIZING THE
EXECUTION OF PROGRAM SUPPLEMENT AGREEMENT NO. N018 TO
ADMINISTERING AGENCY-STATE MASTER AGREEMENT NO. 07-5403R
FOR FEDERAL AID PROJECTS COVERING THE CONSTRUCTION
PHASE OF PROJECT NO. 1252 [FEDERAL NO. HPLUL-5403(021)]: A
PEDESTRIAN BRIDGE ON 213TH STREET OVER THE DOMINGUEZ
CHANNEL (PUBLIC WORKS)**

RECOMMENDATION for the City Council:

1. WAIVE further reading and ADOPT Resolution No. 14-007, "A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CARSON, CALIFORNIA, AUTHORIZING THE EXECUTION OF PROGRAM SUPPLEMENT AGREEMENT NO. N018 TO ADMINISTERING AGENCY-STATE MASTER AGREEMENT NO. 07-5403R FOR FEDERAL AID PROJECTS COVERING THE CONSTRUCTION PHASE OF PROJECT NO. 1252 [FEDERAL NO. HPLUL-5403(021)]: A PEDESTRIAN BRIDGE ON 213TH STREET OVER THE DOMINGUEZ CHANNEL."

ACTION: Item No. 14 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 Santarina, Council Member/Agency
Member/Authority Commissioner Davis-Holmes, Council Member/Agency
Member/Authority Commissioner Gipson, and Council Member/Agency
Member/Authority Commissioner Robles

Noes: None

Abstain: None

Absent: None

