

City of Culver City, California
City Council Agenda Item Report

Meeting Date: 4/21/08		Item Number: <u>A-11</u>	
AGENDA ITEM: (1) Acceptance of Work Performed by DLSB, Inc., and Authorize Filing of Notice of Completion, for the Eveward Road, Drakewood Avenue, Whitburn Avenue, Flaxton Street, Blackwelder Street, Smiley Drive, Northgate Street, Cranks Road, Commonwealth Alley, and Carson Street Sewer Improvement Projects (P-839, 840, 841, 842, 854, 855, 773, & 860) and the Alley Drain Improvement Project (P-295); and (2) Approval of a Related Budget Amendment			
Contact Person: Lee Torres/PW		Phone Number: (310) 253-5623	
Fiscal Impact: Yes ☒ No ☐		General Fund: Yes ☐ No ☒	
Public Hearing: ☐		Action Item: ☒ Attachments: ☒	
Public Notification: Master Notification List on 04/17/08; DLSB, Inc. was also notified via telephone on 4/16/08.			
Department Approval: Charles D. Herbertson (04/09/08)		City Attorney Approval: Carol Schwab (by H. Baker) (04/16/08)	
Fiscal Impact Review: Jeff Muir (04/16/08)		City Manager Approval: Jerry B. Fulwood (04/17/08)	
<u>RECOMMENDATION:</u> Staff recommends the City Council: (1) Approve a budget amendment in the amount of \$225,295.80 from the Sanitary Sewer Fund Balance for the Combined Sewer Improvement Project; and, (2) Accept the work performed by the contractor, DLSB, Inc. and authorize filing a Notice of Completion for the Eveward Road, Drakewood Avenue, Whitburn Avenue, Flaxton Street, Blackwelder Street, Smiley Drive, Northgate Street, Cranks Road, Commonwealth Alley, and Carson Street Sewer Improvement Projects (P-839, 840, 841, 842, 854, 855, 773, & 860) and the Alley Drain Improvement Project (P-295); and, (3) Authorize the Director of Public Works/City Engineer to file the Notices of Completion for these projects; and, (4) Authorize the release of retained funds in the amount of <u>\$287,638.00</u> and <u>\$7,560</u> (respectively for each project) to the contractor after the thirty-five day lien period expires. <u>A 4/5th vote is required to approve the budget amendment.</u>			

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BACKGROUND:

On April 9, 2007, the City Council awarded a construction contract to DLSB, Inc. for the Combined Sewer Improvement Project consisting of Eveward Road, Drakewood Avenue, Whitburn Avenue, Flaxton Street, Blackwelder Street, Smiley Drive, Northgate Street, Cranks Road, Commonwealth Alley, and Carson Street, Sewer Improvement Projects, P-839, 840, 841, 842, 854, 855, 773, & 860 (Combined Sewer Improvement Project).

The scope of work consists of the replacement of the existing 6", 8", 10", and 12" vitrified clay pipe (VCP) with new 8", 10", and 12" Polyvinyl Chloride (PVC) sewer mains and the replacement of sewer laterals between the sewer main and curb line.

On September 24, 2007, the City Council awarded a construction contract to DLSB, Inc. for the Alley Drain Improvement Project, (P-295) located south of Washington Boulevard between Elenda Street and Midway Avenue. Project P-295 consisted of constructing 600 linear feet of 12-inch Polyvinyl Chloride (PVC) storm drain mainline, four (4) 24-inch by 24-inch catch basin inlets, and 590 linear feet of a 48-inch wide longitudinal gutter. The new storm drain was connected directly to an existing 30-inch Reinforced Concrete Pipe (RCP) storm drain mainline located on Elenda Street.

DISCUSSION:

Combined Sewer Projects

The Combined Sewer Improvement Project was successfully completed. The order of work on the respective streets is as follows:

Project	Start Date	Completion Date
Commonwealth Alley Sewer Project, P-773	May 14, 2007	June 15, 2007
Blackwelder Street and Smiley Drive Sewer Project, P-854	June 22, 2007	July 27, 2007
Carson Street Sewer Project, P-860	July 25, 2007	Aug. 24, 2007
Cranks Road and Northgate Sewer Project, P-855	Aug. 14, 2007	Sept. 21, 2007
Flaxton Ave, Whitburn Avenue,	Sept. 24, 2007	March 7, 2008

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Drakewood Avenue, and Eveward Road Sewer Projects, P-839, 840, 841, & 842		
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DLSB, Inc. completed the work required in the original contract with four change orders. The total amount of the change orders was \$377,240.80. The change orders were for the extension of the sewer lateral from the curb face to the property line and unforeseen conditions, such as concrete encased sewer main lines that required removal, buried concrete along the sewer alignments, unmarked and abandoned utilities and oil pipelines, and quantity adjustments that added to the current construction cost and schedule.

During the course of construction it was observed by video tape inspection that most of the sewer laterals along Carson Street, Northgate Street, Flaxton Street, and Whitburn Street had extensive damage caused by street tree root intrusion that resulted in significant blockage of the pipe diameter. Due to this extensive street tree root intrusion in the sewer laterals, staff approved a change order to extend the sewer lateral replacement to the property line instead of the curb line as originally planned. All the sewer laterals along Carson Street and thirty-seven (37) sewer laterals along Northgate Street, Flaxton Street, and Whitburn Street were replaced between the sewer main and the property line.

Property owners whose sewer laterals were observed to have extensive root intrusion on their private properties were informed of the condition.

Alley Drain Improvement Project, P-295

The project for a new storm drain line in the alley between Elenda Street and Midway Avenue was successfully completed by DLSB, Inc. Two change orders were issued due to an unknown utility conflict and for an additional storm drain lateral. The total amount of these changes orders is \$6,100. The new storm drain performed its function during the recent rains this winter.

FISCAL ANALYSIS:

Combined Sewer Projects

The original construction contract amount for the Combined Sewer projects was \$2,501,084.20. The final construction cost was \$2,876,380.00. This amount includes four (4) change orders for the total amount of \$375,295.80 (15% final contingency). The following table provides additional details:

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Final Project Cost, Combined Sewer Improvement Project	
Eveward Rd, Drakewood Av, Whitburn Av, & Flaxton St Sewer Improvement Project, P-839, 840, 841, & 842.	\$1,115,025.00
Blackwelder Street and Smiley Drive Sewer Improvement Projects, P-854	\$512,184.00
Northgate St and Cranks Rd Sewer Improvement Projects, P-855	\$515,017.00
Commonwealth Alley Sewer Improvement Projects, P-773	\$471,240.00
Carson Street Sewer Improvement Projects, P-860	\$262,914.00
Sub-total	\$ 2,876,380.00
Consultant Construction Management/ Inspection services	\$185,670.00
Consultant Geotechnical Construction Services (Observation & Testing)	\$72,996.25
Total Project Cost	\$3,135,046.25

Total Project Budget	\$2,922,614.20
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The total cost of the extra work mentioned exceeds the available contingency amount of \$150,000. Staff informed City Council through a memorandum on December 5, 2007 that additional work estimated at \$250,000 was required.

Staff is requesting City Council to approve a budget amendment in the amount of \$225,295.80 from the Sewer Enterprise Fund unreserved balance. Should City Council approve the budget amendment, \$225,295.80 shall be transferred and allocated to the following projects:

Project	Account Number	Amount
Flaxton Street Sewer Improvement Project, P-842	20400842.730100	\$173,955.80
Northgate/ Cranks Sewer Improvement Project, P-855	20400855.730100	\$51,340.00
Total Budget Amendment Amount		\$225,295.80

Alley Drain Improvement Project, P-295

Final Project Cost	
Construction Cost	\$75,600
Budget	\$100,000

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Since Project P-295 was completed within the original budget, a budget amendment for this project is not needed.

ATTACHMENTS:

1. Location Maps
2. Change orders for Combined Sewer Projects and Alley Drain Project
3. Memorandum for Additional Contingency Funds to City Council
Dated December 5, 2007.

MOTIONS:

That the City Council:

- 1) Approve a budget amendment for the Sewer Improvement Fund appropriating \$225,295.80 with \$173,955.80 appropriated to account number 20400842 Flaxton Street Sewer Improvement Project, P-842 and \$51,340.00 to account number 20400855 Northgate/Cranks Sewer Improvement Project, P-855; and,
- 2) Accept the work performed by the contractor, DLSB, Inc., for the Eveward Road, Drakewood Avenue, Whitburn Avenue, Flaxton Street, Blackwelder Street, Smiley Drive, Northgate Street, Cranks Road, Commonwealth Alley, and Carson Street, Sewer Improvement Projects (P-839, 840, 841, 842, 854, 855, 773, & 860);
- 3) Authorize the Public Works Director/City Engineer to execute and file the Notice of Completion with the Los Angeles County Recorder's Office;
- 4) Authorize the release of the \$287,638.00 to DLSB, Inc., for Eveward Road, Drakewood Avenue, Whitburn Avenue, Flaxton Street, Blackwelder Street, Smiley Drive, Northgate Street, Cranks Road, Commonwealth Alley, and Carson Street, Sewer Improvement Projects (P-839, 840, 841, 842, 854, 855, 773, & 860), following the expiration of the 35-day lien period
- 5) Accept the work performed by DLSB, Inc. for the Alley Drain Improvement Project, P-295
- 6) Authorize the Public Works Director/City Engineer to execute and file the Notice of Completion with the Los Angeles County Recorder's Office; and
- 7) Authorize the release of the \$7,560 to DLSB, Inc., for the Alley Drain Improvement Project, P-295, following the expiration of the 35-day lien period.

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A 4/5th vote is required to approve the budget amendment.