



City of Grand Island

Tuesday, August 13, 2013

Council Session

Item G-15

#2013-263 - Approving Certificate of Final Completion for South & West Interceptor Sewer Improvements; Project No. 2012-S-4

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Marvin Strong PE, Wastewater Plant Engineer

Meeting: August 13, 2013

Subject: Approving Certificate of Final Completion for South & West Interceptor Sewer Improvements; Project No. 2012-S-4

Item #'s: G-15

Presenter(s): John Collins PE, Public Works Director

Background

The project “South & West Interceptor Sewer Improvements” Project No. 2012-S-4 was awarded to SAK Construction, LLC., of O’Fallon, Missouri on November 13, 2012 in the amount of \$739,547.00.

The primary purpose of the South & West Interceptor Sewer Improvements project is to rehabilitate large diameters gravity sewer interceptor(s) in a prioritized sequence. The rehabilitation method installed a new liner material within the existing host pipe structure, or the industry trade name “Cured-In-Place Pipe” (CIPP) process.

The completed rehabilitation project will bring as much as an additional fifty (50) years of life cycle to the concrete gravity interceptor sewer(s) segments being proposed for lining systems. Liner life may diminish where pipe is squashed and/or fractured, and in most cases falls short of 100% reset of expected life of the original. The installation procedure provided minimal impact to the end user.

City Staff conducted public involvement media day on May 7, 2013 for educational and informational purposes.

The North Interceptor Phase I project is the only large diameter gravity sewer interceptor rehabilitation scheduled during the next five (5) years. The South and West Interceptor project had a Phase 2 scheduled in the last year of the previous five (5) year plan. It was pushed into later years to keep the five (5) year plan affordable and manageable.

Discussion

The engineer for the project, Black & Veatch of Kansas City, Missouri, and Olsson Associates of Grand Island with City Staff have reviewed the completed work and has issued a certificate of final completion (July 12, 2013) in accordance with the terms, conditions, and stipulations of the contract, the plans, and the specifications.

The project provided lining systems to approximately forty-three hundred (4,300) feet of existing large diameter concrete pipe segment(s), ranging in size from twenty seven (27) to thirty six (36) inch diameter pipe.

Additionally, the project provided connection structures to by-pass sanitary sewer under South Locust Street for future maintenance events.

The project was completed at a total cost of \$730,514.31.

Alternatives

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve a resolution authorizing the Certificate of Final Completion.
2. Refer the issue to a Committee.
3. Postpone the issue to future date.
4. Take no action on the issue.

Recommendation

Public Works Administration recommends that the Council approve the Certificate of Final Completion for the South & West Interceptor Sewer Improvements, Project No. 2012-S-4.

Sample Motion

Move to approve the Certificate of Final Completion for the South & West Interceptor Sewer Improvements, Project No. 2012-S-4.

ENGINEER'S CERTIFICATE OF FINAL COMPLETION

South & West Interceptor Sewer Improvements
Project No. 2012-S-4
August 13, 2013

TO THE MEMBERS OF THE COUNCIL
CITY OF GRAND ISLAND
GRAND ISLAND, NEBRASKA

This is to certify that the South & West Interceptor Sewer Improvements, Project No. 2013-S-4 has been completed by SAK Construction, LLC., of O'Fallon, Missouri under contract dated December 24, 2012. The work has been completed in accordance with the terms, conditions, and stipulations of said contract and complies with the contract, the plans, and the specifications. The work is hereby accepted with the provisions of Section 16-650 R.R.S., 1943.

It is further certified that the improvements as constructed include the following items and costs and that this certificate shall constitute the Final Payment for this work.

CONCRETE FOR SLUDGE STORAGE BUILDING, PROJECT 2011-WWTP-4

South & West Interceptor Sewer Improvements:	\$ 739,547.00
Change Order No. 1, Quantity Adjustments	\$ (9,165.00)

TOTAL PROJECT COST	\$ 730,382.00
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SUMMARY OF OTHER COST

Advertisement in GI Daily Independent	\$ 132.31
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TOTAL OTHER COST	\$ 132.31
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TOTAL COST OF:	
SOUTH & WEST INTERCEPTOR SEWER IMPROVEMENTS	
PROJECT 2012-S-4	\$ 730,514.31

Respectfully submitted,

John Collins
Director of Public Works

August 13, 2013

TO THE MEMBERS OF THE COUNCIL
CITY OF GRAND ISLAND, NEBRASKA

I hereby recommend that the Engineer's Certificate of Final Completion for South & West Interceptors Sewer Improvements, Project No. 2012-S-4 be approved.

Respectfully submitted,

Jay Vavricek
Mayor

August 13, 2013

Terry Brown, Manager of Engineering Services
100 E First Street
Grand Island, Nebraska 68801
P.O. Box 1968, Grand Island
Nebraska 68802-1968

Re: South and West Interceptor Sewer Improvements – 2013
Grand Island, Nebraska
City Project No. 2012-S-4
OA Project No. 011-2347

Dear Terry,

I, Carlos I. Medina Jr., state that the above referenced project, completed by SAK Construction, O'Fallon, Missouri, for the South and West Interceptor Sewer Improvements - 2013 has met the requirements for final completion as of July 12, 2013 according to the requirements of the plans and specifications and in general compliance with the terms of the contract.

I recommend that the above referenced project be accepted by the City of Grand Island as meeting the requirements of final completion.

If you have any questions or comments, please do not hesitate to call.

Sincerely,



Carlos I. Medina Jr.

RESOLUTION 2013-263

WHEREAS, the Engineer, Black & Veatch of Kansas City, Missouri, and Olsson Associates of Grand Island issued a Certificate of Final Completion for the South & West Interceptor Sewer Improvements, Project No. 2012-S-4 certifying that SAK Construction, LLC., of O'Fallon, Missouri, completed such project according to the terms, conditions, and stipulations of the contract, plans and specifications for such improvements; and

WHEREAS, the City Engineer/Public Works Director recommends the acceptance of the Engineer's certificate of final completion; and

WHEREAS, the Mayor concurs with the recommendation of the City Engineer/Public Works Director; and

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the Certificate of Final Completion for the South & West Interceptor Sewer Improvements, Project No. 2012-S-4 is hereby confirmed.

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Adopted by the City Council of the City of Grand Island, Nebraska, August 13, 2013.

Jay Vavricek, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☐ _____
August 13, 2013	☐ City Attorney