



We Are Columbia

MEETING DATE: August 16, 2016

DEPARTMENT: Utilities and Engineering

FROM: *Joey Jaco, Director of Utilities and Engineering*

SUBJECT: CO #1 SS7364: Jackson Blvd & I-77 Sewer Main Relocation

FINANCIAL IMPACT: The total amount of this change order is \$133,370.00. Funding is available via a transfer of funds from FY 16/17 CIP; Project SS728817 - Unforeseen and Misc. Projects. With this change order, the revised contract amount is \$309,990.00.

ORIGINAL BUDGET: \$176,620.00

CLEAN WATER 2020?: Yes

FEMA DR-SC4241?: No

STRATEGIC GOALS: Invest in Infrastructure

The attached change order is forwarded for your approval. This change order is necessary to compensate the contractor for additional work requested by the City for the replacement, by open cut, of an existing gravity sewer line adjacent to the original project.

The total amount of this change order is \$133,370.00. Funding is available via a transfer of funds from FY 16/17 CIP; Project SS728817 - Unforeseen and Misc. Projects. With this change order, the revised contract amount is \$309,990.00.

DS Utilities, Inc. is located in Little Mountain, South Carolina.

The Director of Utilities and Engineering recommends approval of the attached change order.

ATTACHMENTS:

- CO #1 SS7364 Transmittal (PDF)
- CO #1 SS7364 (PDF)
- CO #1 SS7364 MAP (PDF)



CITY OF COLUMBIA
INTER-OFFICE MEMO
DEPARTMENT OF UTILITIES AND ENGINEERING

TO: Ms. Teresa Wilson
City Manager

DATE: July 28, 2016

FROM: Suzanne B. Leitner
Engineering Administration Manager

INITIALS: *SBL*

RE: **Council Agenda Item:** Change Order # 1 SS7364: Jackson Blvd & I-77 Sewer Main Relocation

The attached change order is forwarded for your approval. This change order is necessary to compensate the contractor for additional work requested by the City for the replacement, by open cut, of an existing gravity sewer line adjacent to the original project.

The total amount of this change order is \$133,370.00. Funding is available via a transfer of funds from FY 16/17 CIP; Project SS728817 – Unforeseen and Misc. Projects. With this change order, the revised contract amount is \$309,990.00.

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The Director of Utilities and Engineering recommends approval of the attached change order.



CIP# SS7364
Jackson Blvd & I-77 Sewer Main Relocation
Change Order #1
July 28, 2016

Description of Change: A modification of the Contract Agreement between the City of Columbia (City) and DS Utilities, Inc. (Contractor) is requested in order to compensate the contractor for additional work undertaken at the request of the City, and to account for changes in backfill materials allowed by SCDOT following preparation of the original plans.

Reason for Change: The requested change is necessary to effect replacement, by open cut, of an existing gravity sewer line adjacent to the original project.

Additions

SCDOT flowfill@ manhole	65 CY @ \$150.00/CY	\$ 9,750.00
Traffic Control	1 LS @ \$13,000.00 LS	\$13,000.00
18" DIP Sewer Main (20' deep)	100 LF @ \$274.00/LF	\$27,400.00
Crusher run backfill	340 TN @ \$35.00/TN	\$11,900.00
SCDOT Flowfill in Roadway	230 CY @ \$150.00/CY	\$34,500.00
Remove and replace sidewalk	70 SY @ \$52.00/SY	\$ 3,640.00
Remove and replace Roadway	140 SY @ \$162.00/SY	\$22,680.00
Crossing 48" RCP	1 LS @ \$15,000.00	<u>\$15,000.00</u>
 Total Additions		 \$137,870.00

Deductions

Trench Backfill (57 stone)	450 CY @ \$10.00/CY	\$ 4,500.00
 Total Deductions		 \$ 4500.00
 Total Cost for Work: Net Addition		 \$133,370.00

Funding Source:

Water and Sewer Funds – BUDGET TRANSFER SHEET ATTACHED

Proposed Change and Basis for Payment:

Original contract price:	\$176,620.00
Previous change orders:	0
This change:	<u>\$133,370.00</u>
Revised contract price:	<u>\$309,990.00</u>

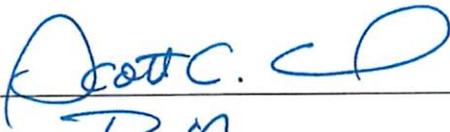
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Contractual Completion Date:

Start Date: January 20, 2016
Completion Date: March 19, 2016
Revised Completion Date: June 30, 2016

This Change is Acceptable:

DS Utilities, Inc.

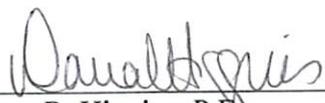
By: 
Title: P.M.

City of Columbia

Recommended for Approval:  Utilities Inspector
Matt Blackwell

Recommended for Approval:  Sr. Utilities Inspector
Jeff Jeffers

Recommended for Approval:  Asst. City Eng. for Const.
Michael F. Sheu, P. E.

Recommend for Approval:  City Engineer
Dana R. Higgins, P.E.

Recommended for Approval:  Dir. Utilities & Engineering
Joseph D. Jaco, P.E.

Recommended for Approval: _____ Asst. City Manager
Melissa S. Gentry, PE

Approval of Change: _____ City Manager
Teresa Wilson



Abandon existing 18" sewer section and fill with flowable fill

Bore and Jack 60 LF of 36" steel casing

Clean Water 2020
Columbia's Clear Vision for Clean Water



We Are Columbia

- Existing Sewer Manholes
- Existing Sewer Gravity Mains

- Proposed Sewer Manholes
- Proposed Sewer Gravity Mains



1 inch = 100 feet



SS7364
Jackson Blvd. at I-77
Sewer Main Relocation

Prepared For: Clean Water 2020