

AN ORDINANCE 2008-08-07-0639

APPROVING CHANGE ORDER NO. SAWS-02 IN THE AMOUNT OF \$100,466.00 TO THE \$6,289,381.90 CONSTRUCTION CONTRACT, AS CHANGED, WITH TEXAS STERLING CONSTRUCTION, L. P. FOR ADDITIONAL WORK AND MATERIALS, AND ACCEPTING REIMBURSEMENT OF \$100,466.00 FROM SAN ANTONIO WATER SYSTEMS, IN CONNECTION WITH THE CALLAGHAN ROAD: INGRAM TO HEMPHILL PROJECT, LOCATED IN COUNCIL DISTRICTS 6 AND 7, AND APPROPRIATING FUNDS.

* * * * *

WHEREAS, a contract with **Texas Sterling Construction, L.P.** in the amount of \$6,289,381.90 was authorized by Ordinance No. 2007-04-05-0368 for the Callaghan Road: Ingram to Hemphill Project; and

WHEREAS, this Project provides for reconstruction of Callaghan Road from Ingram to Hemphill, to include the elimination of three low water crossings, as well as, adding parallel storm drainage and upgrading and replacing two traffic signals, one at the intersection of Viva Max Road and the other at the Hemphill Drive intersection; and

WHEREAS, this Project will also include a 10-foot wide multi-use pedestrian/bicycle path along the eastern parkway of the Project and a 6-foot sidewalk will be constructed on the west side of Callaghan; and

WHEREAS, this Ordinance authorizes Change Order No. SAWS-02 in the amount of \$100,466.00 to add various water line material, pipe fittings, casings, and valves to the contract to maintain proper water service and connectivity that were not included in the original design;
NOW THEREFORE,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF SAN ANTONIO:

SECTION 1. Change Order No. SAWS-02 in the amount of \$100,466.00 is hereby approved. The City Manager or her designee is hereby authorized to execute Change Order No. SAWS-02 to the contract with **Texas Sterling Construction, L.P.** Said contract was approved by Ordinance No. 2007-04-05-0368 in connection with the Callaghan Road: Ingram to Hemphill Project. A copy of Change Order No. SAWS-02 is attached hereto and incorporated herein as **Attachment I.**

SECTION 2. The following financial adjustments are hereby approved:

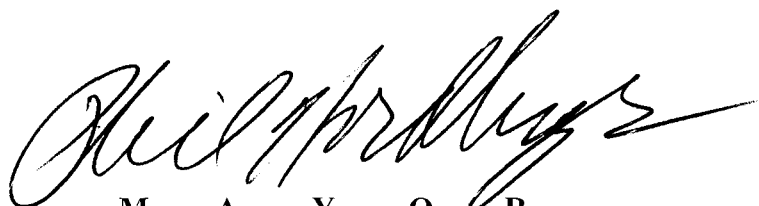
- a) Funds are authorized to be received from SAWS, to fund 48099000, SAP Project Definition 23-00166, Callaghan: Farragut to Ingram LWC, shall be revised by increasing WBS element 23-00166-90-01, entitled SAWS Contribution, SAP GL Account 4502280 – Contribution from other Agencies, by the amount of \$50,233.00.

- b) The amount of \$50,233.00 is appropriated in SAP Fund 40899000, Municipal Drainage Capital Projects, SAP Project Definition 23-00166, Callaghan: Farragut to Ingram LWC, SAP WBS Element 23-00166-05-02-02, entitled SAWS Construction, SAP GL Account 5201140, and is authorized to be encumbered and made payable to **Texas Sterling Construction, L.P.**, for construction services.
- c) Funds are authorized to be received from SAWS, to fund 48099000, SAP Project Definition 23-00167, Callaghan: Hemphill to Farragut LWC, shall be revised by increasing WBS element 23-00167-90-01, entitled SAWS Contribution, SAP GL Account 4502280 – Contribution from other Agencies, by the amount of \$50,233.00.
- d) The amount of \$50,233.00 is appropriated in SAP Fund 40899000, Municipal Drainage Capital Projects, SAP Project Definition 23-00167, Callaghan: Hemphill To Farragut LWC, SAP WBS Element 23-00167-05-02-02, entitled SAWS Construction, SAP GL Account 5201140, and is authorized to be encumbered and made payable to **Texas Sterling Construction, L.P.**, for construction services.

SECTION 3. The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance may, subject to concurrence by the City Manager or the City Manager's designee, correct allocation to specific SAP Fund Numbers, SAP Project Definitions, SAP WBS Elements, SAP Internal Orders, SAP Fund Centers, SAP Cost Centers, SAP Functional Areas, SAP Funds Reservation Document Numbers, and SAP GL Accounts as necessary to carry out the purpose of this Ordinance.

SECTION 4. This Ordinance shall take effect on the tenth day after passage.

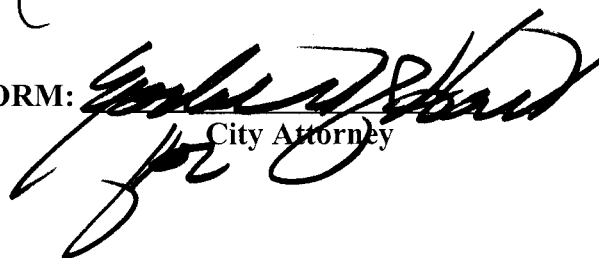
PASSED AND APPROVED this 7th day of August, 2008.


M A Y O R
PHIL HARDBERGER

ATTEST:


City Clerk

APPROVED AS TO FORM:


City Attorney

CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
CONSTRUCTION CHANGE ORDER - HORIZONTAL PROJECT

Form PW-15A
Rev. 2/1/2007
(Submit 2 Originals)
6/3/08 9:33

Date Prepared: 5/9/2008 Change Order Title: SAWS-02 Additional Water Work Project No. 23-00166
Project Name: Const - Callaghan Road H to F

Project Name as shown on the Work Project Authorization

The revision or amendment described below is to the work originally or previously specified is hereby requested, including all changes in costs. (Describe work to be added or deleted, including SAP Material number. Attach a revised plan sheet affected or drawings.)

Title: Callaghan - Hemphill to Ingram LOW Construction
Number: 460005870

SAWS-02 Additional Water Work

Additional water mains, fittings, casings and valves.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary):
This work is necessary to maintain proper water service and connectivity for adjacent SAWS customers.

Change Order will result in change to Contract Cost as \$100,466.00

Change Order will result in change to Contract Days as Working Days Calendar Days # Days 30
(To be negotiated by the Contractor and the City)

REQUESTED BY:	
City, Consulting Engineer/Architect, Other (Please Specify):	Date: <u>6/3/08</u>
Contractor: <u>Project Manager</u>	
Title: <u>Project Manager</u>	
Firm: <u>Texas Sterling Construction, LP</u>	
RECOMMENDED BY:	
Consultant (Project Engineer/Architect Only):	Date:
Firm:	Others (if required, i.e., City Dept., S.A.W.S., etc.):
COSA Project Manager:	Assistant City Engineer: _____ Date: _____
COSA Capital Programs Manager:	Date: _____
APPROVED BY:	
City Engineer:	Director of Public Works (if over \$25,000): _____ Date: _____

FOR CITY USE ONLY

Ordinance Required: Yes No Change Order \$25,000 (+ or -) Additional funds required: \$0.00

WBS Element: _____ Contingency WBS Element: _____

Project Contingency Original Balance: \$0.00

Original Contract Amount: <u>\$6,289,381.90</u>	Previous Approved COs: <u>\$0.00</u>
Previous Approved COs: <u>181,774.58</u>	This Change Order: <u>\$0.00</u>
This Change Order: <u>100,466.00</u>	Total: <u>\$0.00</u>
Total: <u>\$6,289,381.90</u>	Balance: <u>\$0.00</u>
Total: <u>6,571,622.48</u>	

Fund #: _____ Ordinance #: _____ Ordinance Date: _____
Purchase Requisition #: _____ Contract #: 460005870 Purchase Order #: _____

Fiscal Remarks: SAWS to reimburse this change order

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide (2) originals with supporting documents.

Agenda Item:	12 (in consent vote: 8, 11, 12, 14, 15, 16, 17A, 17B, 18, 20, 21, 23, 24, 26, 28, 29, 31, 32, 34A, 34B, 34C, 34D, 34E, 34F, 34G, 34H, 34I, 34J, 34K, 35, 36A, 36B, 36C, 36D, 36E, 36F, 36G, 36H, 36I, 36J)						
Date:	08/07/2008						
Time:	03:08:26 PM						
Vote Type:	Motion to Approve						
Description:	An Ordinance approving Change Order No. SAWS-02 in the amount of \$100,466.00 to the \$6,289,381.90 construction contract, as changed, with Texas Sterling Construction, L. P. for additional work and materials, and accepting reimbursement of \$100,466.00 from San Antonio Water Systems, in connection with the Callaghan Road: Ingram to Hemphill Project, located in Council Districts 6 and 7, and appropriating funds. [Sharon De La Garza, Assistant City Manager; Majed Al-Ghafry, Director, Public Works]						
Result:	Passed						
Voter	Group	Not Present	Yea	Nay	Abstain	Motion	Second
Phil Hardberger	Mayor		x				
Mary Alice P. Cisneros	District 1		x				
Sheila D. McNeil	District 2		x				
Jennifer V. Ramos	District 3		x				x
Philip A. Cortez	District 4		x			x	
Lourdes Galvan	District 5		x				
Delicia Herrera	District 6		x				
Justin Rodriguez	District 7		x				
Diane G. Cibrian	District 8		x				
Louis E. Rowe	District 9		x				
John G. Clamp	District 10		x				

City of San Antonio

PO Box 839966

Phone: 210-207-6941

San Antonio, TX 78205

TITLE: SAWS-02 Additional Water Work

DATE: 5/9/2008

PROJECT: Const - Callaghan Road H to F

JOB:

TO: Attn: Brion Harper
Texas Sterling Construction, LP
2819 Woodcliff Drive
San Antonio, TX 78230
Phone: 210-340-2133 Fax: 210-340-8732

CONTRACT NO: 4600005870

RE:	To:	From:	Number:		
DESCRIPTION OF CHANGE					
Title: Callaghan - Hemphill to Ingram LQM Construction					
Number: 4600005870					
SAWS-02 Additional Water Work					
Add water mains, fittings, casings and valves.					
Item	Description	Quantity	Units	Unit Price	Net Amount
00001	Asphalt Treated Base 6" Thick	75.600	SY	\$60.00	\$4,536.00
00002	8" PVC Water Restrained	123.000	LF	\$75.00	\$9,225.00
00003	16" PVC Water Restrained	397.000	LF	\$120.00	\$47,640.00
00004	12" PVC Water Restrained	25.000	LF	\$110.00	\$2,750.00
00005	Pipe Fittings all sizes & types	7.590	TON	\$2,500.00	\$18,975.00
00006	6" Water Tie In	1.000	EA	\$2,000.00	\$2,000.00
00007	2" Blowoff Temporary	4.000	FA	\$1,800.00	\$7,200.00
00008	Casing or Liner 30"	20.000	LF	\$200.00	\$4,000.00
00009	Casing or Liner 24"	23.000	LF	\$180.00	\$4,140.00
Total Cost					\$100,466.00

The Original Contract Sum was	\$6,289,381.90
Net Change by Previously Authorized Requests and Changes	\$0.00
The Contract Sum Prior to This Change Order was	\$6,289,381.90 6,471,156.48
The Contract Sum Will be Increased	\$0.00 100,466.00
The New Contract Sum Including This Change Order	\$6,289,381.90 6,571,622.48
The Contract Time Will be Increased	30 days



CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
FIELD ALTERATION REQUEST

Form PW-15
Rev. 2/2006
(Submit 2 Originals)

Date Prepared: May 7, 2008 Field Alteration No. 2 Project No. 06-5003
3
Project Name: Callaghan Road: Ingram to Hemphill Reconstruction
(Project Name as shown on the Work Project Authorization)

The revision or amendment described below is to the work originally or previously specified is hereby requested, including all changes in costs (Describe work to be added or deleted, including SAP Material number. Attach a revised plan sheet affected or drawings.)
SEE ATTACHMENTS A & C

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary).
SEE ATTACHMENT B

Field Alteration will result in change to Contract Cost as: Increase Decrease \$ 100,466.00
Field Alteration will result in change to Contract Days as: Increase Decrease # Days _____
(To be negotiated by the Contractor and the City) Working Days Calendar Days

REQUESTED BY:
[Signature] 5/8/2008
City, Consulting Engineer/Architect, Other (Please Specify) _____ Date _____
Contractor Title: _____ Date _____
Firm: _____

RECOMMENDED BY:
Consultant (Project Engineer/Architect Only) _____ Date _____
Firm: Vickroy & Associates, Inc. Others: _____ Date _____
(If required, i.e., City Dept., S.A.W.S., etc.)
COSA Project Manager _____ Date _____ Assistant City Engineer: _____ Date _____
COSA Capital Programs Manager _____ Date _____

APPROVED BY:
City Engineer _____ Date _____ Director of Public Works (if over \$25,000) _____ Date _____

FOR CITY USE ONLY

Ordinance Required: Yes No FA Amount \$25,000 (+ or -) Additional funds required \$ _____
WBS Element: _____ WBS Element: _____
Original Contract Amount: \$ _____ Construction Contingency Fund: \$ _____
Previous Approved FAs: \$ _____ Previous Approved FA: \$ _____
This Field Alteration: \$ _____ This Field Alteration: \$ _____
Total: \$ _____ Total Field Alterations: \$ _____
Balance: \$ _____
Fund #: _____ Ordinance #: _____ Ordinance Date: _____
Purchase Requisition #: _____ Contract #: _____ Purchase Order #: _____

NOTE: This form is a local government record and shall be retained in accordance with the provisions of the Local Government Code, Section 201. Provide two (2) originals with supporting documents.

San Antonio Water System
PROJECT CONSTRUCTION PROGRAM



MEMORANDUM

DATE: May 8, 2008 PROJECT NO: 06-5003
TO: Texas Sterling Construction, Inc. Attn: Brien P. Harper
FROM: Robert L. Canterbury, P.E.
RE: Callaghan Road -Ingram to Hemphill: Overrun of Quantities

This memorandum officially rescinds the previous memorandum, dated March 26th, 2008. The Construction Administration office, along with SAWS engineering staff and the consulting engineers, Vickrey & Associates, Inc., has reviewed the overrun of quantities, in reference to the project stated above.

After careful review of these items, be advised that we are in concurrence with the quantities that were overrun, for a total cost of \$100,466.00; therefore, we will inform the consulting engineers to prepare the field alteration reflecting this cost for your signature.

Since the above amount is above \$25,000.00, be advised that SAWS Board approval and Administrative ratification will be required before you can bill for this work. Administrative ratification has been obtained, and the change order is scheduled to go before the SAWS Board for approval in June 2008.

Should you have any questions, please contact Johnathan Ratcliff at 233-3499.

Sincerely,


Robert L. Canterbury, CPM
Manager, Construction
Contract Administration

Attachments:

Cc: Ismael Rosales, P.E., Manager, CoSA Governmental
Daryl Spillmann, P.E., Project Engineer, Governmental Relocations
Vickrey & Associates, Inc. Attn: Rob Clark, P.E., Project Manager
CoSA Public Works Department Attn: Dale Keller, P.E.
Inspector(s) - Frank DeLeon, Area Inspector, Romeo Canales
File

ATTACHMENT A
 May 6, 2008
 Callaghan Road SAWS Change Order

Item	SAP Material Item Number	Description	Unit of Measure	Bid Qty	Unit Price	Overrun Quantity	Total to Date Qty	Overrun Cost
30040	80101025	Asphalt Treated Base 6" Thick	SY	114	\$60.00	75.6	189.6	\$4,636.00
30060	80101025	8" PVC Water Restrained	LF	900	\$75.00	123	1023	\$9,225.00
30070	80101025	16" PVC Water Restrained	LF	578	\$120.00	397	975	\$47,640.00
30080	80101025	12" PVC Water Restrained	LF	55	\$110.00	25	80	\$2,750.00
30210	80101025	Pipe Fittings-all sizes & types	TON	16	\$2,500.00	7.59	22.59	\$48,975.00
30320	80101025	6" Water Tie-in	EA	2	\$2,000.00	1	3	\$2,000.00
30270	80101025	2" Blowoff, Temporary	EA	16	\$1,800.00	4	20	\$7,200.00
30280	80101025	Casing or Liner 30"	LF	62	\$200.00	20	82	\$4,000.00
30290	80101025	Casing or Liner 24"	LF	20	\$180.00	23	52	\$4,140.00

Total \$100,466.00

5/8/08 JPP

* Approved; fertilization has been obtained as work has already been performed. Scheduled to go to the Board for approval in June.

ATTACHMENT B

City of San Antonio
Public Works Department
Field Alteration No. 2 Request

The quantity overruns for the water main installation are summarized below:

- An additional 75.60 SY of asphalt treated base (ATB) was required by the SAWS inspector for 8" and 16" water line adjustments because traffic was shifted differently at the intersections than was called for in the Traffic Control Plans.
- The 8" and 16" PVC pipe had some mislabeling that resulted in 198 LF of 16" PVC pipe not being included in the quantities. A portion of the 16" PVC pipe had an incorrect dimension (240 LF instead of 329 LF), a portion of 16" line was incorrectly labeled as 8" PVC (74 LF), and two sections of 16" line were not labeled (35 LF) on the plans.
- An additional 199 LF of 16" PVC, 25 LF of 12" PVC, and 123 LF of 8" PVC pipe were added at the tie-in locations by the SAWS inspector as field adjustments.
- An additional 2 tons of fittings that were shown on the plans were not included in the quantity totals.
- An additional 5.5 tons of fittings were added by the SAWS inspector in the field for unforeseen field adjustments.
- The SAWS inspector added an additional 6" water service tie-in that was shown on the SAWS block maps as an 8" water line. It was discovered during construction to be a 6" water line.
- The SAWS inspector added four temporary blow-offs above the 16" temporary blow-offs called for in the plans.
- The SAWS inspector added steel casing anywhere the water line improvements crossed the storm sewer, both above and below. This included an additional 23 LF of 24" steel casing for a total quantity of 52 LF, and 20 LF of 30" steel casing for a total quantity of 82 LF. The plans only called for steel casings for the mains crossing under large culverts.



**CITY OF SAN ANTONIO
Request for Council Action**

Agenda Item # 12
Council Meeting Date: 8/7/2008
RFCA Tracking No: R-3441

DEPARTMENT: Public Works

DEPARTMENT HEAD: Majed A. Al-Ghafry

COUNCIL DISTRICT(S) IMPACTED:
Council District 6, Council District 7

SUBJECT:
Callaghan Road: Ingram to Hemphill Change Order (Utility Driven)

SUMMARY:
An ordinance approving Change Order No. SAWS-02 in the amount of \$100,466.00, appropriating funds and authorizing payment to Texas Sterling Construction, L.P. in connection with the Callaghan Road: Ingram to Hemphill project, an authorized 2005 Storm Water Revenue Bond funded project, located in Council Districts 6 and 7.

BACKGROUND INFORMATION:

Project Description

This project provides for the reconstruction of Callaghan Rd. from Ingram to Hemphill, including eliminating three low water crossings to provide for the handling of the 100-year storm event. In addition, parallel storm drainage will be added and two traffic signals, one being located at the intersection of Viva Max Road and the other being located at the Hemphill Drive intersection, will be upgraded and replaced. This project also includes a 10-foot wide multi-use pedestrian/bicycle path along the eastern parkway of the project and a 6-foot sidewalk will be constructed on the west side of Callaghan. Project construction began in July 2007 and is estimated to be completed by November 2008.

The City of San Antonio has contractually partnered with the San Antonio Water Systems (SAWS) for the construction improvements of this project. This change order, requested by SAWS, adds various improvements to the original contract in order to maintain proper water service and connectivity.

Council Action History

A previously executed contract with Texas Sterling Construction, L.P. for the construction portion of the Callaghan Road: Ingram to Hemphill project in the amount of \$6,289,381.90 was approved by City Council on April 5, 2007 through ordinance number 2007-04-05-0368.

The following table illustrates the Changes Orders that have occurred since construction on this project began:

Change Order #	Date Approved	Ordinance #	Amount	Contract Amount
SAWS-01	3/2008	N/A	\$ 19,291.20	\$ 6,308,673.10
PW-01	4/17/2008	2008-04-17-0312	\$ 145,027.38	\$ 6,453,700.48
PW-02	6/2008	N/A	\$ 10,750.00	\$ 6,464,450.48
PW-03	6/2008	N/A	\$ 6,706.00	\$ 6,471,156.48
Total Amount of Change Orders Approved to Date			\$ 181,774.58	

This change order of \$100,466.00 will increase the contract amount to \$6,571,622.48.

Change Order

A Change Order is a written order issued by the City, SAWS or CPS to the Contractor authorizing additions, deletions or revisions to the work to be performed by the Contractor within the general scope of the construction services outlined in the contract documents. Change Orders from each entity are tracked separately due to the separate authority and funding sources each have. Utility driven change orders are usually the result of an unexpected conflict with a utility facility. The conflict could result in additional costs for emergency repair or to avoid and maneuver around the utility facility. Emergency utility repairs are usually the result of lack of knowledge about the location of the utility facility.

ISSUE:

This ordinance authorizes Change Order SAWS-02 in the amount of \$100,466.00. SAWS has requested this change order as a result of items that were not included in the original design to add various water line material, pipe fittings, casings, and valves to the contract to maintain proper water service and connectivity. This particular change order is triggered by SAWS desire to maintain proper service and connectivity and therefore is classified as "Utility Driven."

ALTERNATIVES:

An alternate to the Change Order SAWS-02 would be to not upgrade the SAWS water infrastructure in conjunction with this project. However, not upgrading of this infrastructure may result in future necessary repairs to SAWS water lines that will result in pavement cuts in the newly constructed roadway.

FISCAL IMPACT:

This is a one-time capital improvement expenditure in the amount of \$100,466.00 made payable to Texas Sterling Construction, L.P. These funds will be reimbursed by SAWS.

RECOMMENDATION:

Staff recommends approval of Change Order No. SAWS-02 in connection with the Callaghan Road: Ingram to Hemphill project.

ATTACHMENT(S):

File Description	File Name
Map	Callaghan-Ingram to HH.pdf
Change Order	Change Order - Callaghan.pdf
Voting Results	
Ordinance/Supplemental Documents	200808070639.pdf

DEPARTMENT HEAD AUTHORIZATIONS:

Majed A. Al-Ghafry Director Public Works

APPROVED FOR COUNCIL CONSIDERATION:

Sharon De La Garza Assistant City Manager