

AN ORDINANCE 2007-11-01-1140

AUTHORIZING AN AMENDMENT TO THE CONSTRUCTION CONTRACT WITH BARTLETT COCKE/WALBRIDGE, BY APPROVING CHANGE ORDER NO. 6, IN THE AMOUNT OF \$35,464.63, WHICH WHEN ADDED TO PREVIOUSLY APPROVED CHANGE ORDERS RESULTS IN A TOTAL CONTRACT SUM OF \$42,728,465.84 FOR THE CONSTRUCTION OF PROJECT 10 – VOLUME 7 – GARAGE FOUNDATIONS, STRUCTURE AND SYSTEMS AT SAN ANTONIO INTERNATIONAL AIRPORT; ALLOCATING CONTINGENCY FUNDS AND REVISING THE BUDGET.

* * * * *

WHEREAS, on October 12, 2006, by Ordinance No. 2006-10-12-1184, the City Council authorized execution of a contract with Bartlett Cocke/Walbridge, J.V., in an amount not to exceed \$46,440,500.00 for pre-construction and construction activities in connection with the New Parking Facility at San Antonio International Airport (“Original Agreement”); and

WHEREAS, on May 3, 2007, by Ordinance No. 2007-05-03-0490, the City Council authorized execution of Change Order Nos. 1 and 2; and

WHEREAS, a list of all previously authorized Change Orders in the net deductive amount of \$3,747,498.79 is attached as **Attachment I** “Change Order History”; and

WHEREAS, the contractor unexpectedly encountered deep rock instead of clay in an area of excavation which must be hauled off as described in the attached Change Order No. 6; and

WHEREAS, it is now necessary to approve Change Order No. 6, increase the contract sum, amend the project budget, and authorize payment for this Change Order; **NOW THEREFORE:**

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

SECTION 1. The City Manager or her designee is authorized to execute Change Order No. 6 to the construction contract with Bartlett Cocke/Walbridge for extra work due to finding unexpected deep rock while working on the Garage Foundations, Structure and Systems at the San Antonio International Airport in a form substantially similar to the document set out in **Attachment II**, increasing the contract sum by \$35,464.63, for a revised contract value of \$42,728,465.84.

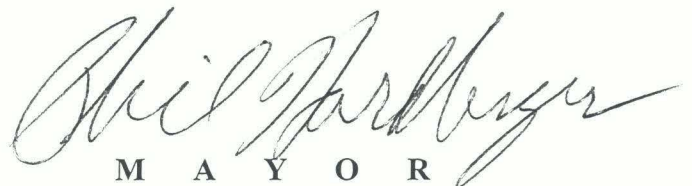
SECTION 2. The budget in SAP Fund 51099000, Airport Capital Projects, SAP Project Definition 33-00100, New Parking Facility, shall be revised by increasing SAP WBS Element 33-00100-05-11-01 entitled City Construction, SAP GL Account 5201140, by the amount of \$35,464.63.

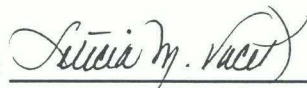
SECTION 3. The budget in SAP Fund 51099000, Airport Capital Projects, SAP Project Definition 33-00100, New Parking Facility, shall be revised by decreasing SAP WBS Element 33-00100-05-11-02 entitled Construction Contingency, SAP GL Account 5406530, by the amount of \$35,464.63.

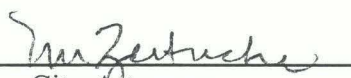
SECTION 4. The financial allocations in this Ordinance are subject to approval by the Director of Finance, City of San Antonio. The Director of Finance may, subject to concurrence by the City Manager, or the City Manager's designee, correct allocation to specific SAP Fund Numbers, SAP Project Definitions, 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 5. This Ordinance shall take effect immediately upon passage by eight (8) affirmative votes; otherwise it shall be effective ten (10) days after its passage.

PASSED AND APPROVED this 1st day of November, 2007


M A Y O R
PHIL HARDBERGER

ATTEST: 
City Clerk

APPROVED AS TO FORM: 
for City Attorney

ATTACHMENT I - CHANGE ORDER HISTORY

AVIATION

Project: Project 10 - Volume 7 - Garage Foundations, Structure & Systems
 Vendor: Bartlette Cocke/Walbridge, A Joint Venture

Change Order No.	Amount	Description
1	(\$3,886,024.00)	Reduction due to the success of the redesign of the garage
2	100,000.00	Increase allowance for electronic message boards
3	18,616.41	Information booth, temporary slab and pedestrian sidewalk at Long Term Parking Garage
4	1,770.91	Provide geotextile and washed stone under the new security fence around the Federal Aviation Administration's Compound
5	18,137.89	Unforeseen conditions encountered during the installation of underground utilities requiring additional man hours and equipment
TOTAL CHANGE ORDERS		
APPROVED:		(\$3,747,498.79)

* Change Orders under \$25,000 and included in the project budget do not require Council approval.

Attachment II



**CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
FIELD ALTERATION REQUEST**

RECEIVED
AVIATION DEPT.
PLAN. & ENG
Form PW-15-AVIATION
Rev. 3/2006
(Submit 6 Originals)

Date Prepared: September 14, 2007

Field Alteration: 6

Project No: 19 PM 1: 37-00100

Project Name: Project 10 - Volume 7 - Garage Foundations, Structure and Systems
(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.)
1) Compensate the contractor for extra work performed due to unforeseen site conditions encountered during the installation of a storm water outfall associated with this contract.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary.):
1) The contractor encountered rock in the deeper area of excavation during the installation of the storm water outfall. The geotechnical report had indicated that clay would be encountered which could have been used for backfill. The rock could not be used for backfill without additional effort to crush the rock to an acceptable size. The contractor had to haul the rock off site for disposal.

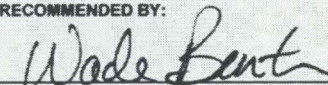
Field Alteration will result in change to Contract Cost as:	<input checked="" type="checkbox"/>	Increase	<input type="checkbox"/>	Decrease	\$	<u>35,464.63</u>
Field Alteration will result in change to Contract Days as:	<input type="checkbox"/>	Increase	<input type="checkbox"/>	Decrease	# Days	<u>0</u>
(To be negotiated by the Contractor and the City.)	<input type="checkbox"/>	Working Days	<input type="checkbox"/>	Calendar Days		<u>0</u>

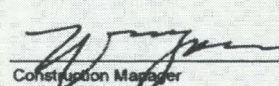
REQUESTED BY:

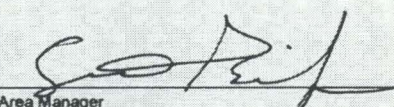
Program Management Team
City, Consulting Engineer/ Architect, Other (Please Specify) _____ Date _____


Contractor
Project Manager
Bartlett Cocke/Walbridge
Date 9-11-07

RECOMMENDED BY:


HNTB Corporation
Date 9/12/07


Construction Manager
Program Management Team
Date 9-14-07


Area Manager
Program Management Team
Date 9/14/2007

APPROVED BY:

Interim Planning & Engineering Manager _____ Date _____

Director of Public Works (If over \$25,000) _____ Date _____

FOR CITY USE ONLY

Ordinance Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> FA \$25,000 (+ or -)	Additional Funds Required: _____
WBS Element: <u>33-00100-05-11-01</u>		WBS Element: <u>33-00100-05-11-02</u>
Original Contract Amount: <u>\$46,440,500.00</u>		Construction Contingency: <u>\$8,297,024.00</u>
Previous Approved FAs: _____		Previous Approved FAs: _____
This Field Alteration: _____		This Field Alteration: _____
Total: _____		Total Field Alterations: _____
		Balance: _____
Vendor #: <u>1014139</u>	Ordinance #: <u>2006-10-12-1184</u>	Ordinance #: _____
Purchase Requisition #: _____	Contract #: <u>4600005049</u>	Purchase Order #: <u>4500092805</u>

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 six (6) originals with supporting documents.

CITY OF SAN ANTONIO
SAN ANTONIO INTERNATIONAL AIRPORT
Project 10 - Volume 7 - Garage Foundations,
Structure and Systems
FIELD ALTERATION NO: 06

SUMMARY OF COSTS

Description: Compensate the contractor for extra work performed due to unforeseen site conditions encountered during the installation of a storm water outfall associated with this contract.

		Matl./Equip	Labor	Sub/Supplier	Totals
G.C. SELF PERFORMED					
Bartlett Cocke/Walbridge					\$0.00
SUBCONTRACTOR/VENDOR					
WPM - Southern, LLC	Extra work - unforeseen site conditions Rock E			\$32,162.50	\$32,162.50
<hr/>					
Subtotals		\$0.00	\$0.00	\$32,162.50	\$32,162.50
Self Performed	15%	\$0.00	\$0.00		\$0.00
Subs	5%			\$1,608.13	\$1,608.13
<hr/>					
Subtotals		\$0.00	\$0.00	\$33,770.63	\$33,770.63
Payroll Burden "L"	39%		\$0.00		\$0.00
General Conditions	5%				\$1,688.53
Builder's Risk	0.002%				\$0.68
General Liability	0.006%				\$2.03
Bond	0.0082%				\$2.77
Grand Total:					\$35,464.63



**CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
FIELD ALTERATION REQUEST**

Form PW-15-AVIATION
Rev. 3/2006
(Submit 6 Originals)

Date Prepared: September 14, 2007 Field Alteration: 6 Project No. 33-00100

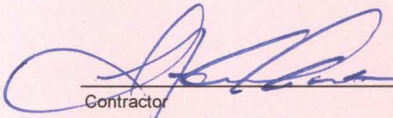
Project Name: Project 10 - Volume 7 - Garage Foundations, Structure and Systems
(Project Name as shown on the Work Project Authorization)

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.)
1) **Compensate the contractor for extra work performed due to unforeseen site conditions encountered during the installation of a storm water outfall associated with this contract.**

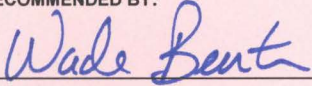
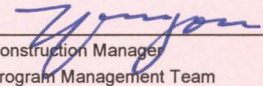
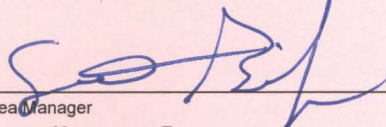
Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary.):
1) **The contractor encountered rock in the deeper area of excavation during the installation of the storm water outfall. The geotechnical report had indicated that clay would be encountered which could have been used for backfill. The rock could not be used for backfill without additional effort to crush the rock to an acceptable size. The contractor had to haul the rock off site for disposal.**

Field Alteration will result in change to Contract Cost as:	<input checked="" type="checkbox"/> Increase	<input type="checkbox"/> Decrease	\$ <u>35,464.63</u>
Field Alteration will result in change to Contract Days as:	<input type="checkbox"/> Increase	<input type="checkbox"/> Decrease	# Days <u>0</u>
(To be negotiated by the Contractor and the City.)	<input type="checkbox"/> Working Days	<input type="checkbox"/> Calendar Days	<u>0</u>

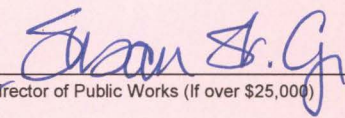
REQUESTED BY:

<u>Program Management Team</u>	Date		Date <u>9.14.07</u>
City, Consulting Engineer/ Architect, Other (Please Specify)	Date	Contractor	Date
		Project Manager	
		Bartlett Cocke/Walbridge	

RECOMMENDED BY:

	Date <u>9/12/07</u>		Date <u>9.14.07</u>
HNTB Corporation	Date	Construction Manager	Date
		Program Management Team	
	Date <u>9/14/07</u>		
Area Manager	Date		
Program Management Team			

APPROVED BY:

	Date		Date <u>11/13/07</u>
Interim Planning & Engineering Manager	Date	Director of Public Works (If over \$25,000)	Date

FOR CITY USE ONLY

Ordinance Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> FA \$25,000 (+ or -)	Additional Funds Required: _____
WBS Element: <u>33-00100-05-11-01</u>		WBS Element: <u>33-00100-05-11-02</u>
Original Contract Amount: <u>\$46,440,500.00</u>		Construction Contingency: <u>\$8,297,024.00</u>
Previous Approved FAs: <u>5,132,461.91</u>		Previous Approved FAs: <u>5,132,461.91</u>
This Field Alteration: <u>35,464.63</u>		This Field Alteration: <u>35,464.63</u>
Total: <u>43,728,465.84</u>		Total Field Alterations: <u>5,167,926.54</u>
		Balance: <u>3,129,097.46</u>
Vendor #: <u>1014139</u> Ordinance #: <u>2007-11-01-1140</u>		Ordinance #: _____
Purchase Requisition #: _____ Contract #: <u>4600005049</u>		Purchase Order #: <u>4500092805</u>

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**CITY OF SAN ANTONIO
SAN ANTONIO INTERNATIONAL AIRPORT
Project 10 - Volume 7 - Garage Foundations,
Structure and Systems
FIELD ALTERATION NO: 06**

SUMMARY OF COSTS

Description: Compensate the contractor for extra work performed due to unforeseen site conditions encountered during the installation of a storm water outfall associated with this contract.

		Matl./Equip	Labor	Sub/Supplier	Totals	
G.C. SELF PERFORMED						
Bartlett Cocke/Walbridge					\$0.00	
SUBCONTRACTOR/VENDOR						
WPM - Southern, LLC		Extra work - unforeseen site conditions Rock E			\$32,162.50	\$32,162.50
Subtotals		\$0.00	\$0.00	\$32,162.50	\$32,162.50	
Self Performed	15%	\$0.00	\$0.00		\$0.00	
Subs	5%			\$1,608.13	\$1,608.13	
Subtotals		\$0.00	\$0.00	\$33,770.63	\$33,770.63	
Payroll Burden "L"	39%		\$0.00		\$0.00	
General Conditions	5%				\$1,688.53	
Builder's Risk	0.002%				\$0.68	
General Liability	0.006%				\$2.03	
Bond	0.0082%				\$2.77	
Grand Total:					\$35,464.63	



CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
FIELD ALTERATION REQUEST

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Rev. 3/2006
(Submit 6 Originals)

Date Prepared: November 8, 2007 Field Alteration: 7 Project No: 2007 NOV-13 PM 5:43 33-00100

Project Name: Project 10 - Volume 7 - Garage Foundations, Structure and Systems
(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.)
1) Field Work Directive 20 was issued to change the flowable backfill to the standard granular backfill as defined by San Antonio Water Systems Construction Specifications.



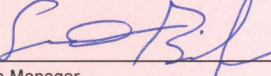
Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary.):
1) The initial backfill was to be flowable mortar throughout the length, depth and width of the excavation for the new domestic water line to prevent ground water from using any granular material as a conduit to migrate to other areas of the Airport Property. Representatives from the San Antonio Water Systems (SAWS) were concerned that the flowable mortar would hamper future maintenance and repairs of the water line. Field Work Directive #020 was issued to the contractor on May 7, 2007. This work directive was to change the flowable mortar backfill to the standard granular backfill as defined by SAWS Construction Specifications. Eighteen inch flowable mortar plugs were to be placed in the excavation at intervals as shown on the drawings attached to Field Work Directive #020. There was also a six inch flowable mortar cap over the granular backfill to be provided for the length of the excavation.

Field Alteration will result in change to Contract Cost as:	<input checked="" type="checkbox"/>	Increase	<input type="checkbox"/>	Decrease	\$	<u>4,001.64</u>
Field Alteration will result in change to Contract Days as:	<input type="checkbox"/>	Increase	<input type="checkbox"/>	Decrease	# Days	<u>0</u>
(To be negotiated by the Contractor and the City.)	<input type="checkbox"/>	Working Days	<input type="checkbox"/>	Calendar Days		<u>0</u>

REQUESTED BY:

<u>Program Management Team</u>			<u>11/13/07</u>
City, Consulting Engineer/ Architect, Other (Please Specify)	Date	Contractor	Date
		Project Manager	
		Bartlett Cocke/Walbridge	

RECOMMENDED BY:

	<u>11/12/07</u>		<u>11/13/07</u>
HNTB Corporation (Design Only - No Cost Review)	Date	Construction Manager	Date
		Program Management Team	
	<u>11/12/07</u>		
Area Manager	Date		
Program Management Team			

APPROVED BY:

	<u>11/16/07</u>		
Interim Planning & Engineering Manager	Date	Director of Public Works (If over \$25,000)	Date

-----FOR CITY USE ONLY-----

Ordinance Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> FA \$25,000 (+ or -)	Additional Funds Required:
WBS Element: <u>33-00100-05-11-01</u>		WBS Element: <u>33-00100-05-11-02</u>
Original Contract Amount: <u>\$46,440,500.00</u>		Construction Contingency: <u>\$8,297,024.00</u>
Previous Approved FAs: <u>5167926.54</u>		Previous Approved FAs: <u>5167926.54</u>
This Field Alteration: <u>4001.64</u>		This Field Alteration: <u>4001.64</u>
Total: <u>42732467.48</u>		Total Field Alterations: <u>5171928.18</u>
		Balance: <u>3125095.82</u>
Vendor #: <u>1014139</u> Ordinance #: <u>2006-10-12-1184</u>		Ordinance #: _____
Purchase Requisition #: _____ Contract #: <u>4600005049</u>		Purchase Order #: <u>4500092805</u>

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 six (6) originals with supporting documents.

CITY OF SAN ANTONIO
SAN ANTONIO INTERNATIONAL AIRPORT
Project 10 - Volume 7 - Garage Foundations,
Structure and Systems
FIELD ALTERATION NO: 07

SUMMARY OF COSTS

Description: Field Work Directive 20 was issued to change the flowable backfill to the standard granular backfill as defined by San Antonio Water Systems Construction Specifications.

		<u>Matl./Equip</u>	<u>Labor</u>	<u>Sub/Supplier</u>	<u>Totals</u>
<u>G.C. SELF PERFORMED</u>					
Bartlett Cocke/Walbridge					\$0.00
<u>SUBCONTRACTOR/VENDOR</u>					
WPM- Southern, LLC					\$4,001.64
<hr/>					
Subtotals		\$0.00	\$0.00	\$0.00	\$4,001.64
Self Performed	15%	\$0.00	\$0.00		\$0.00
Subs	5%			\$0.00	\$0.00
<hr/>					
Subtotals		\$0.00	\$0.00	\$0.00	\$4,001.64
Payroll Burden "L"	39%		\$0.00		\$0.00
General Conditions	5%			\$0.00	\$0.00
Builder's Risk	0.002%			\$0.00	\$0.00
General Liability	0.006%			\$0.00	\$0.00
Bond	0.0082%			\$0.00	\$0.00
Grand Total:					\$4,001.64



**CITY OF SAN ANTONIO
PUBLIC WORKS DEPARTMENT
FIELD ALTERATION REQUEST**

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PLAN. & ENG

Form PW-15-AVIATION
Rev. 3/2006
(Submit 6 Originals)

Date Prepared: November 8, 2007

Field Alteration: 9

2007 NOV 13 PM 5:44 Project No. 33-00100

Project Name: Project 10 - Volume 7 - Garage Foundations, Structure and Systems
(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.)
1) Field Work Directive #016 was issued to the contractor on April 27, 2007. This directive issued revised Electrical Drawings E001.2, E001.3 & E600.1, all dated March 23, 2007, to the contractor. These revised drawings show CPS Manhole #2 being moved approximately 20 feet to the east to allow a 30-foot radius on the duct bank run between CPS Manhole #2 and CPS Manhole #3.

Justification for Proposed Alteration (Describe in detail why this work is to be added or deleted. Use attachments if necessary):
1) This change was requested by Basileo Rocha of CPS Energy due to the fact that the large diameter cables to be utilized by CPS Energy for this duct run were too large to be pulled around the original 10-foot radius.

Field Alteration will result in change to Contract Cost as:	<input checked="" type="checkbox"/> Increase	<input type="checkbox"/> Decrease	\$ <u>16,730.28</u>
Field Alteration will result in change to Contract Days as:	<input type="checkbox"/> Increase	<input type="checkbox"/> Decrease	# Days <u>0</u>
(To be negotiated by the Contractor and the City.)	<input type="checkbox"/> Working Days	<input type="checkbox"/> Calendar Days	<u>0</u>

REQUESTED BY:

Program Management Team
City, Consulting Engineer/ Architect, Other (Please Specify) _____ Date _____

[Signature] 8 Nov 07
Contractor _____ Date _____
Project Manager
Bartlett Cocke/Walbridge

RECOMMENDED BY:

Wade Burton 11/12/07
HNTB Corporation _____ Date _____
(Design Only - No Cost Review)

[Signature] 11/13/07
Construction Manager _____ Date _____
Program Management Team

[Signature] 11/12/07
Area Manager _____ Date _____
Program Management Team

APPROVED BY:

[Signature] 11/16/07
Interim Planning & Engineering Manager _____ Date _____

Director of Public Works (If over \$25,000) _____ Date _____

FOR CITY USE ONLY

Ordinance Required: <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> FA \$25,000 (+ or -)	Additional Funds Required: _____
WBS Element: <u>33-00100-05-11-01</u>		WBS Element: <u>33-00100-05-11-02</u>
Original Contract Amount: <u>\$46,440,500.00</u>		Construction Contingency: <u>\$8,297,024.00</u>
Previous Approved FAs: <u>5171928.18</u>		Previous Approved FAs: <u>5171928.18</u>
This Field Alteration: <u>16370.28</u>		This Field Alteration: <u>16730.28</u>
Total: <u>42749197.74</u>		Total Field Alterations: <u>5188658.46</u>
		Balance: <u>3108365.54</u>
Vendor #: <u>1014139</u>	Ordinance #: <u>2006-10-12-1184</u>	Ordinance #: _____
Purchase Requisition #: _____	Contract #: <u>4600005049</u>	Purchase Order #: <u>4500092805</u>

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 six (6) originals with supporting documents.

**CITY OF SAN ANTONIO
SAN ANTONIO INTERNATIONAL AIRPORT
Project 10 - Volume 7 - Garage Foundations,
Structure and Systems
FIELD ALTERATION NO: 09**

SUMMARY OF COSTS

Field Work Directive #016 was issued to the contractor on April 27, 2007. This directive issued revised Electrical Drawings E001.2, E001.3 & E600.1, all dated March 23, 2007, to the contractor. These revised drawings show CPS Manhole #2 being moved approximately 20 feet to the east to allow a 30-foot radius on the duct bank run between CPS

Description: Manhole #2 and CPS Manhole #3.

		Matl./Equip	Labor	Sub/Supplier	Totals
G.C. SELF PERFORMED					
Bartlett Cocke/Walbridge					\$0.00
SUBCONTRACTOR/VENDOR					
Big State Electric				\$15,172.50	\$15,172.50
Subtotals		\$0.00	\$0.00	\$15,172.50	\$15,172.50
Self Performed	15%	\$0.00	\$0.00		\$0.00
Subs	5%			\$758.63	\$758.63
Subtotals		\$0.00	\$0.00	\$15,931.13	\$15,931.13
Payroll Burden "L"	39%		\$0.00		\$0.00
General Conditions	5%			\$796.56	\$796.56
Builder's Risk	0.002%			\$0.32	\$0.32
General Liability	0.006%			\$0.96	\$0.96
Bond	0.0082%			\$1.31	\$1.31
Grand Total:					\$16,730.28