

**LAWRENCE, KANSAS
DIGESTER IMPROVEMENTS PROJECT**

**CITY PROJECT NO. WW0601
CITY BID NO. B1106
BLACK & VEATCH PROJECT NO. 165210**

CHANGE ORDER NO. 1

This Change Order No.1 covers adjustments to the Contract Time and Contract Price, which result from the changes in the work described herein. Included in this Change Order is Item CO1-1, initiated to provide additional height of the Digester No. 3 walls, repair cracks in the walls, and seal the joint between the existing Sludge Control Building roof and Digester No. 3, Item CO1-2, initiated to provide access to the existing Digester No. 3 without removal of the membrane gas holder cover, and Item CO1-3, initiated to change the pavement material from asphalt to concrete.

Item CO1-1. Modifications to Digester No. 3 (Work Change Directive No. 1).

Initiated by: Engineer

This modification covers the increase in height of Digester Number 3 wall extension, widening and sealing Digester Number 3 wall extension at the existing Sludge Control Building, and repairing cracks in the top of the existing Digester Number 3 wall on the east and west sides of the Sludge Control Building. This change results in an increase in Contract Price of \$5,937.00. This change represents no change in Contract Time.

Item CO1-2. Installation of Access Manway.

Initiated by: Owner/Engineer

A new 30 inch diameter access manway shall be added to Digester No. 3 to allow access to the digester for inspection and cleaning without removal of the membrane gas holder cover. This change results in an increase of Contract Price of \$24,316.00. This change represents an increase of eighteen (18) days in Contract Time.

Item CO1-3. Change Pavement from Asphalt to Concrete.

Initiated by: Owner/Engineer

The asphalt supplier proposed a lower grade asphalt than required by the Contract Document. To reduce the potential for rutting with the lower grade asphalt, the pavement material was changed to concrete. This change results in a decrease of Contract Price of \$36.00. This change represents no change in Contract Time.

LAWRENCE, KANSAS
DIGESTER IMPROVEMENTS PROJECT

CITY PROJECT NO. WW0601
CITY BID NO. B1106
BLACK & VEATCH PROJECT NO. 165210

SUMMARY

CHANGE ORDER NO. 1

The Contract Price shall be modified as follows as a result of the changes described by this modification request. Additions to the Contract amount are indicated by a "+" in front of the amount, deductions by a "-".

Effect on Contract Amount

<u>Item</u>	<u>Description</u>	Increase/Decrease In Contract Price (+/-)
CO1-1	Modifications to Digester No. 3	+\$5,937.00
CO1-2	Installation of Access Manway	+\$24,316.00
CO1-3	Change Pavement from Asphalt to Concrete	-\$36.00
		+\$30,217.00

BID AMOUNT OF ORIGINAL CONTRACT	\$3,130,000.00
PREVIOUS CHANGE ORDER ADJUSTMENTS	<u>\$0.00</u>
CURRENT CONTRACT AMOUNT	\$3,130,000.00
CHANGE ORDER NO. 1	<u>+\$30,217.00</u>
ADJUSTED CONTRACT AMOUNT	\$3,160,217.00

CO1-1 Modifications to Digester No. 3
CO1-2 Installation of Access Manway
CO1-3 Change Pavement from Asphalt to Concrete

Zero (0) days
Eighteen (18) days
Zero (0) days

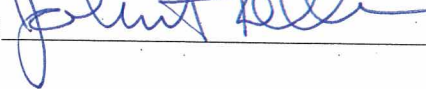
This change order includes all costs, direct, indirect, and consequential, and all changes in Contract Time arising from the work included in item CO1-1 through CO1-3. No additional claims shall be made for changes in Contract Price or Contract Time arising from these work items.

All other provisions of the contract remain unchanged.

Agreed to this _____ day of _____, 2011

Recommended:
Black & Veatch Corporation

Approved:
City of Lawrence

By: 

By: _____
City Manager

Date: 11-16-11

Date: _____

Approved:
Walters Morgan Construction Co., Inc.

By: _____

Date: _____

**LAWRENCE, KANSAS
DIGESTER IMPROVEMENTS PROJECT**

**CITY PROJECT NO. WW0601
CITY BID NO. B1106
BLACK & VEATCH PROJECT NO. 165210**

SUMMARY

CHANGE ORDER ITEM CO1-1

**MODIFICATIONS TO DIGESTER NO. 3
(WORK CHANGE DIRECTIVE NO. 1)**

LAWRENCE, KANSAS
KANSAS RIVER WASTEWATER TREATMENT PLANT
DIGESTER IMPROVEMENTS PROJECT
CITY PROJECT NO. WW0601

WORK CHANGE DIRECTIVE No. 1

Contractor: Walters-Morgan Construction Inc
Date of Issuance: October 7, 2011

In order to expedite the Work and avoid or minimize delays in the Work, this directive describes certain additions, deletions, or revisions to the work as follows. You are directed to proceed promptly with the following changes:

Description and Purpose of Work Change:

Change Proposal No. 1, was issued to increase the height of the Digester Number 3 wall extension by an additional 6 13/16 inches adjacent to the Sludge Control Building Roof.

Change Proposal No. 2 was to increase the width of the Digester Number 3 wall extension by an additional 6 inches at the location of the Sludge Control Building, adding sealant, and repairing existing cracks in the top of Digester Number 3 wall on the east, and west sides of the Sludge Control Building.

Attachments (list documents supporting change):

Change Proposal No. 1 and Walters-Morgan Construction Proposal dated September 26, 2011.

Change Proposal No. 2 and Walters-Morgan Construction Proposal dated September 30, 2011.

Change in Contract Time

None

If Owner or Contractor believe that the above change has affected Contract Price any Claim for a Change Order based thereon will involve one or more of the following methods as defined in the Contract Documents.


Method of Determining Change in Contract Amount

- ☐ Contract Unit Prices.
☐ No change in Contract Price.
☐ Cost of Additional Work plus Contractor's Fee for Overhead and Profit. (Time and Materials)
☒ Total Cost per Proposal. **\$5,937.00**
☐ Estimated* Lump Sum to be determined after submittal of cost breakdown.

*If the change involves an increase, the estimated amount is not to be exceeded without further authorization.

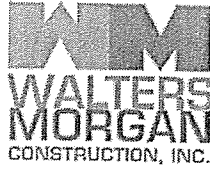
Signed: 
By: Walters-Morgan Construction Inc

Date: 10/10/11

Signed: 
By: City of Lawrence

Date: 10/20/11

City of Lawrence distributes one executed copy to Walters-Morgan Construction Inc; Black & Veatch; and to Black & Veatch RPR.



September 26, 2011

Aaron Lemke
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114

Re: Lawrence Digester Improvements

Dear: Mr. Lemke

Walters-Morgan has enclosed change proposal #1 for the modifications required for RFI #3 for the amount of \$3,890.00. The price includes the labor and material to extend the height of 149 lf of digester wall by 6 13/16".

Walters-Morgan has included the labor and material to extend the height of the wall as detailed in RFI #3.

Please contact me at (785) 539-7513 ext. 111 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scott Mueller', is written over a horizontal line.

Scott Mueller
President / Project Manager

cc: File

CHANGE ITEM NO. 1

WALTERS-MORGAN CONSTRUCTION, INC.
 Digester Improvements
 Lawrence, KS

JOB NO. 211-04
 DATE 26-Sep-11

Digester Wall Extension
 RFI #3

Item Description	Qty	Unit	Labor Unit \$	Labor Total	Mat Unit \$	Mat Total	Sub Unit \$	Sub Total	Equip Unit \$	Equip Total	Total
Wall Extension Form work	169.86	sf	3.50	594.51	0.52	88.33	0.00	0.00	0.00	0.00	682.84
Additional concrete	5.5	cy	13.33	73.32	91.90	505.45	0.00	0.00	0.00	0.00	578.77
Additional Rebar	1683	lbs	0.28	471.24	0.98	1650.00	0.00	0.00	0.00	0.00	2121.24
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Subtotals

\$1,139.07

\$2,243.78

\$0.00

\$0.00

\$3,382.84

SUBTOTAL

\$3,382.84

Contractor's Fee (15%)
 Contractor's Fee (5%)

\$507.43

\$0.00

TOTAL

TOTAL

\$3,890

ADDITIONAL TIME REQUIRED -

CHANGE ORDER Concrete Accessories

TO: SCOTT MUELLER

PROJECT: LAWRENCE DIGESTER

DATE: 08/29/11

We hereby agree to make the following changes: ADD ABOUT 1683 POUNDS
OF MISCELLANEOUS EXTRA REINFORCING

For making the above changes the Purchase Order will be INCREASED
BY \$1650.00. (DEDUCT \$700 IF PICKED UP AT OUR EL DORADO SHOP)

Time of completion will be UNCHANGED.

All other terms and conditions will remain unchanged.

Accepted _____

Concrete Accessories

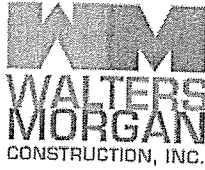
By _____

Date _____

By _____

Please sign and return one copy.

JACK SOWDER
PROJECT ESTIMATOR



September 30, 2011

Aaron Lemke
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114

Re: Lawrence Digester Improvements

Dear: Mr. Lemke

Walters-Morgan has enclosed change proposal #2 for the amount of \$2,047.00. The proposal is for the modifications at the wall intersection between Digester #3 and the roof slab at the Sludge Control Building.

Walters-Morgan has included the labor, material and equipment to install the additional rebar and concrete shown on the drawing from Black & Veatch dated September 28, 2011. Also included in the pricing are the repairs detailed for the construction joints at the Northeast and Northwest wall intersections of the Digester #3 and Sludge Control Building.

Walters-Morgan is requesting confirmation to proceed with this additional work by October 4, 2011 to reduce delays in completing the wall extension on the Digester.

Please contact me at (785) 539-7513 ext. 111 if you have any questions.

Sincerely,

A handwritten signature in dark ink, appearing to read 'S. Mueller', is written over a horizontal line.

Scott Mueller
President / Project Manager

cc: File

CHANGE ITEM NO. 2

WALTERS-MORGAN CONSTRUCTION, INC.
Digester Improvements
Lawrence, KS

JOB NO.
DATE

211-04
30-Sep-11

Digester#3 wall modification at the existing
Sludge Control Building.

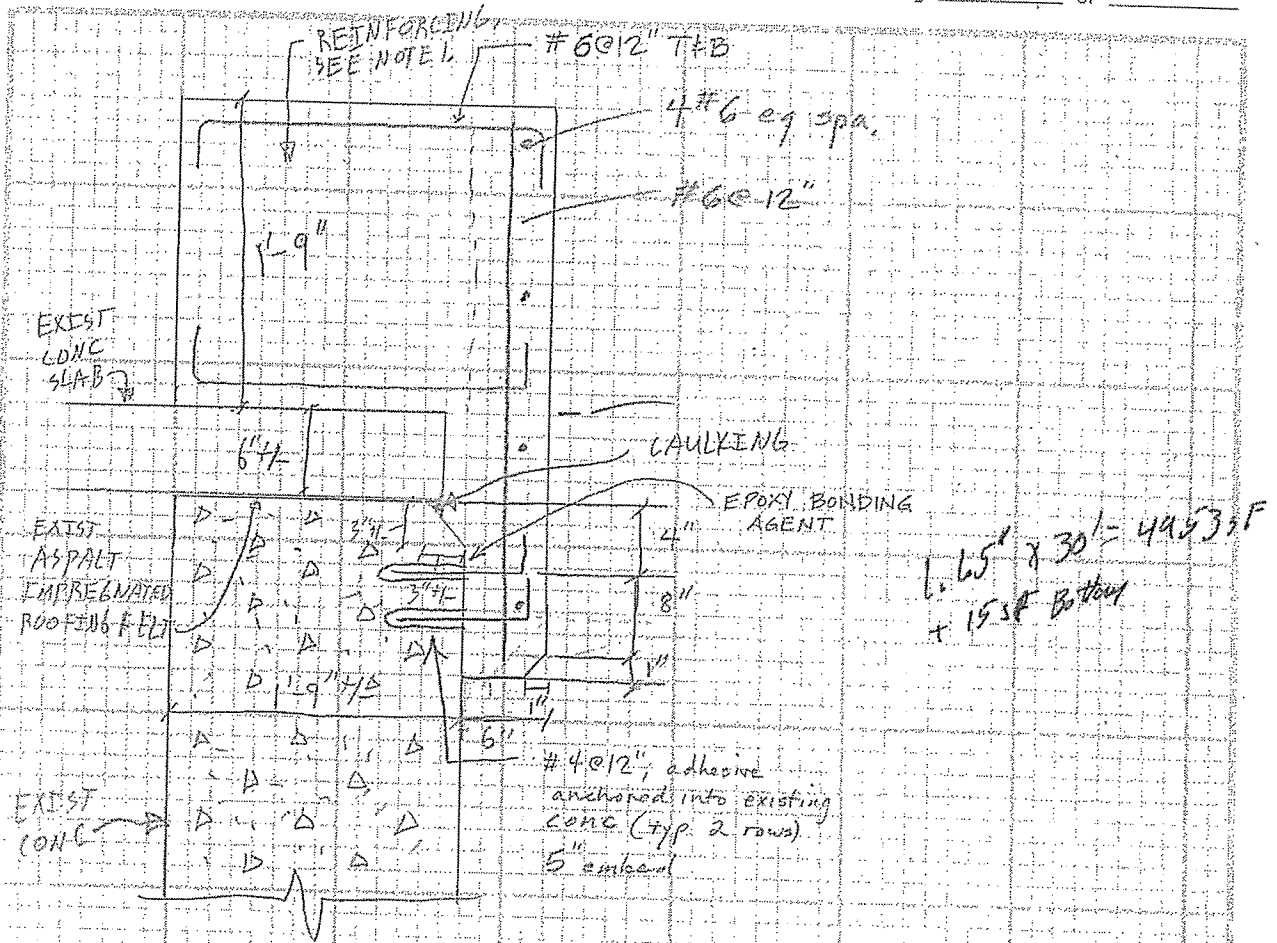
Item Description	Qty	Unit	Labor Unit \$	Labor Total	Mat Unit \$	Mat Total	Sub Unit \$	Sub Total	Equip Unit \$	Equip Total	Total
Demo Concrete at East Crack	5	hr	34.00	170.00	0.00	0.00	0.00	0.00	18.50	92.50	262.50
Install expansion Joint and Caulk	2	hr	32.00	64.00	5.50	11.00	0.00	0.00	18.50	37.00	112.00
Wall modification form work & ledge	64.53	sf	3.50	225.86	0.52	33.56	0.00	0.00	0.00	0.00	259.41
Additional Concrete	1.33	cy	13.33	17.73	91.90	122.23	0.00	0.00	0.00	0.00	139.96
Additional Rebar	654	lbs	0.28	183.12	1.07	699.78	0.00	0.00	0.00	0.00	882.90
Caulking & Bonding Agent	2.5	hr	32.00	80.00	17.40	43.50	0.00	0.00	0.00	0.00	123.50
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	1		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Subtotals				\$740.70		\$910.06		\$0.00		\$129.50	\$1,780.27
SUBTOTAL											\$1,780.27
Contractor's Fee (15%)											\$267.04
Contractor's Fee (5%)											\$0.00
TOTAL											\$2,047

ADDITIONAL TIME REQUIRED -



BLACK & VEATCH

Owner _____ Computed By _____
 Plant _____ Unit _____ Date _____ 20____
 Project No. _____ File No. _____ Verified By _____
 Title _____ Date _____ 20____
 Page _____ of _____



NOTES

1. SEE SECTION 3 ON DRAWING CL5 FOR ADDITIONAL REINFORCING.

Add. conc. $2' 4 \frac{1}{2} \times 16 \times 30 \times .5 = 36 \frac{1}{2} = 1.33 \text{ cy}$

DO NOT WRITE IN THIS SPACE

Revised, Superseded, and Void Calculations Must Be Clearly Identified, Initialed, and Dated by the Responsible Individual.

Scott Mueller

From: Lemke, Aaron W. [LemkeAW@bv.com]
Sent: Wednesday, September 28, 2011 11:24 AM
To: Scott Mueller
Cc: Philip Ciesielski; Keller, John A.; David Chapman
Subject: Lawrence Digester No. 3 wall extension at existing building
Attachments: Digester No. 3 Extension.pdf

Scott,

For the top of the digester No. 3 wall extension at the existing building, there is a revision to the detail/section to provide increased concrete thickness at the building roof slab. The attached figure shows the change to the thickness (adding a 41" tall, by 6" wide extension to Section 3 on Drawing CC5), and the additional reinforcing needed for the increased thickness. All other reinforcing detailed in Section 3 on Drawing CC5 will still be required, but only the new reinforcing was indicated in the figure. If you have any comments/questions on the attached figure, please let me know.

Two additional items are the cracks in the top of the digester wall on the west, and east sides of the Sludge Control Building walls.

For the crack on the west side, this is actually an expansion joint. This should have new expansion joint material installed at the top of the joint, and re-sealed with new caulking.

For the cracks on the east side, demolish out the loose concrete, protect the existing rebar from damage. Provide false formwork and new expansion joint material to re-establish the original expansion joint up to the elevation of the existing top of wall. Pour new concrete monolithically with the wall extension.

Please provide pricing for the following items:

Increasing thickness of concrete wall extension as indicated in the attached figure.

Provide expansion joint material, and caulking for the crack on the west side of existing building.

Provide demolition of existing concrete, form work, and pour new concrete for demolished area on east side of building.

If you have any questions, please let me know. We will need to get proposal pricing as soon as possible so that any change in contract price can be approved before work proceeds.

Thank you,

Aaron Lemke, | Engineer, Water
Black & Veatch | 8400 Ward Parkway, Kansas City, MO 64114
+1 913-458-3361 P | +1 913-458-3802 F | LemkeAW@BV.com
Building a World of Difference.®

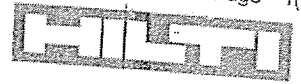
Please consider the environment before printing my email

Please note that the information and attachments in this email are intended for the exclusive use of the addressee and may contain confidential or privileged information. If you are not the intended recipient, please do not forward, copy or print the message or its attachments. Notify me at the above address, and delete this message and any attachments. Thank you.

9/28/2011

ORIGINAL INVOICE

Page 1(1)



INVOICE NUMBER: 1609686206
INVOICE DATE: 07/27/2011

CUSTOMER P.O. NUMBER:
21104

CUSTOMER ACCT: 10793341

DUNS: 00-117-3525
FEDERAL ID: 06-0732334

BILL TO:

WALTERS MORGAN INC
2616 TUTTLE CREEK BLVD
MANHATTAN KS 66502-4479

Delivery Address:

WALTERS MORGAN INC
CITY OF LAWRENCE WWTP
ATTN: SCOTT MUELLER
1400 E 8TH ST
LAWRENCE KS 66044-2690
ATTN: SCOTT MUELLER

HILTI SALES REP: RUSSELL KONTAS, TUS0530608
PAYMENT TERMS: 30 DAYS NET
INVOICE DUE DATE: 08/26/2011

ORDER NUMBER: 514165454
LOCATION ID: 19355226

2058

SHIPMENT NUMBER APPEARS ON PACKING SLIP(S). USE TO MATCH ALL DOCUMENTS AND CONFIRM RECEIPT.

Material Number	Material Description	Quantity Invoiced	Quantity Shipped	Sell Price	Amount Due	*
241382	SHIPMENT NUMBER: 390960752					
338653	ADHESIVE ANCH HIT RE500-SD (11.1OZ/330ML);	6 EA	6 EA	30.64	183.83	A
	ANCHOR ADHESIVE DISPENSER MD2500	1 EA	1 EA	77.77	77.77	A
	FREIGHT				15.00	
	FREIGHT FUEL SURCHARGE				6.60	
<p>107 21104 PHASE 050170</p> <p>#4700 B</p> <p>WU</p> <p>AUG - 1</p>						
<p>Taxes: State: KS 6.30 % \$ 17.85 County: 1.00 % \$ 2.83 City: 1.65 % \$ 4.38</p> <p>* A - Taxable B - Non-Taxable C - Limited Shelf Life D - Non-Domestic Source E - Non-Domestic Source NATO Exception</p>						
SUB TOTAL		TOTAL TAX		TOTAL AMOUNT (USD)		
\$283.20		\$25.06		\$308.26		

2 Tubes For.
Wall Extension

Let's

Scott Mueller

From: Mindy Noyes [mindyn@conacc.com]
Sent: Wednesday, September 28, 2011 2:59 PM
To: Scott Mueller
Subject: Lawrence Digester

The revised price is \$1086.00.
Let me know when you would like us to start fabrication.

Thanks,
Mindy

9/30/2011

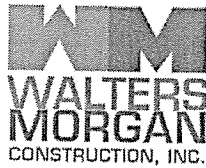
**LAWRENCE, KANSAS
DIGESTER IMPROVEMENTS PROJECT**

**CITY PROJECT NO. WW0601
CITY BID NO. B1106
BLACK & VEATCH PROJECT NO. 165210**

SUMMARY

CHANGE ORDER ITEM CO1-2

INSTALLATION OF ACCESS MANWAY



November 8, 2011

Aaron Lemke
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114

Re: Lawrence Digester Improvements

Dear: Mr. Lemke

Walters-Morgan has enclosed change proposal #3 for the amount of \$24,316.00. The proposal is for the addition of a 30" diameter access manway in Digester #3.

Walters-Morgan has included the labor, material and equipment to install the access manway as shown on the drawings from Black & Veatch dated October 24, 2011.

Walters-Morgan is requesting an 18 calendar day time extension for the additional work and time required for delivery of material associated with this proposal.

Please contact me at (785) 539-7513 ext. 111 if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Scott Mueller', is written over a horizontal line.

Scott Mueller
President / Project Manager

cc: File

WALTERS-MORGAN CONSTRUCTION, INC.
Digester Improvements
Lawrence, KS

211-04
08-Nov-11

JOB NO.
DATE

Digester #3 Manway Installation

[illegible]

Subtotals	\$4,067.85	\$10,209.65	\$3,805.00	\$3,392.83	\$21,475.33
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SUBTOTAL

\$21,475.33

Contractor's Fee (15%)

\$2,650.55

Contractor's Fee (5%)

\$2,650.55
\$190.25

TOTAL

TOTAL

\$24,316

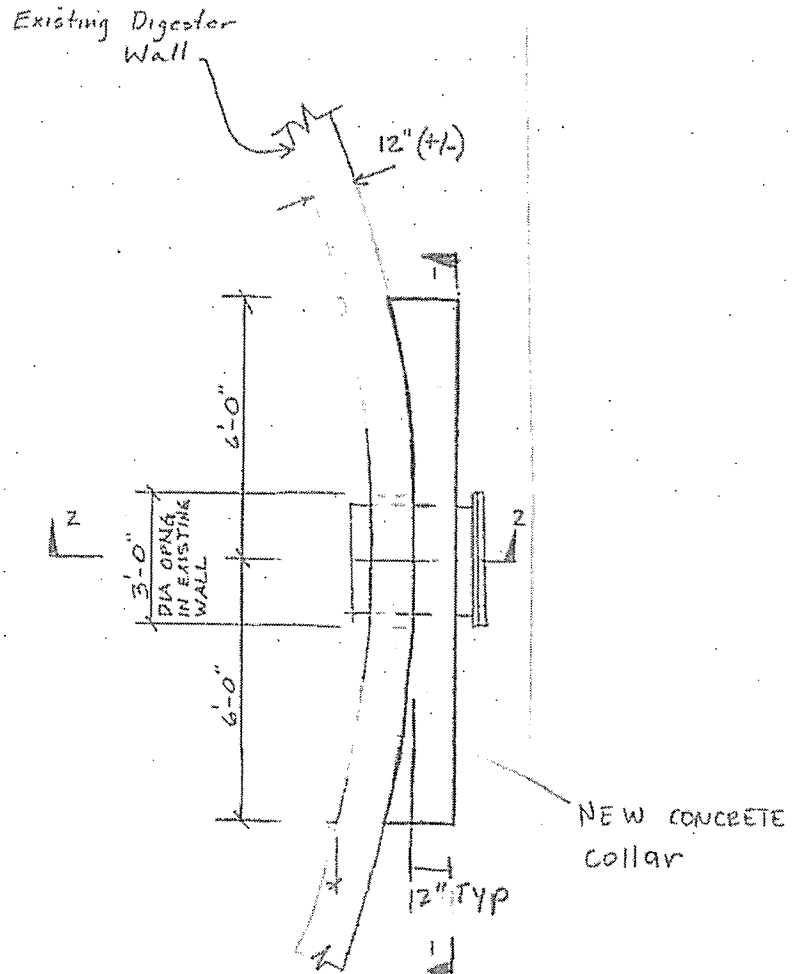
ADDITIONAL TIME REQUIRED -

18 calendar day time extension

Owner Lawrence, KS Computed By BSB
 Plant Digester Improvements Unit _____ Date 10/24 2011
 Project No. 165210 File No. _____ Verified By _____
 Title ACCESS MANWAY Date _____ 20____
 Page SK1 of _____

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DIGESTER MANWAY PLAN



Owner City of Lawrence

Computed By RAM

Plant Digester Improvement

Unit

Date 10-21 2011

Project No. 165210

File No.

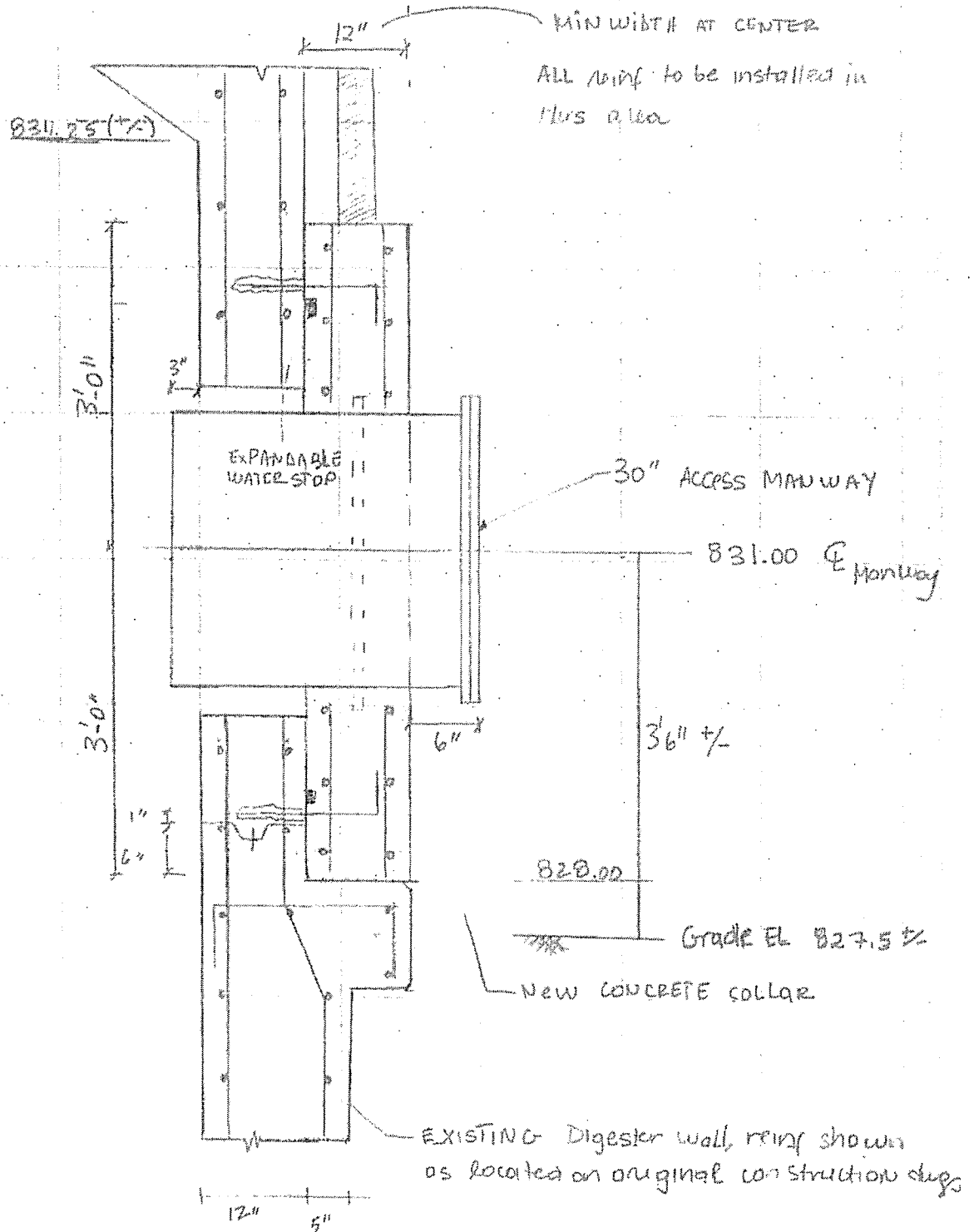
Verified By

Title Access Manway

Date 20

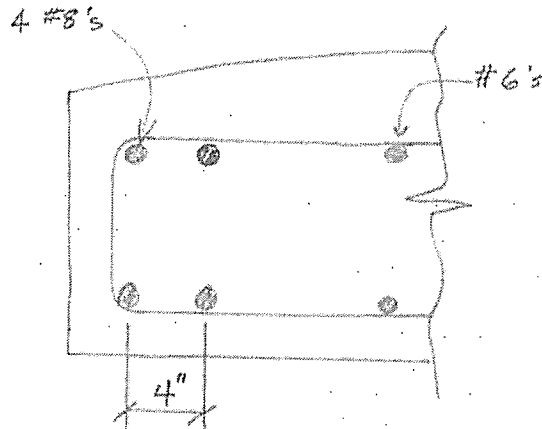
Page SK 3 of

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SECTION 2

Owner Lawrence, KS Computed By BSB
 Plant Digester Improvements Unit _____ Date 10/10 20 11
 Project No. 166210 File No. _____ Verified By _____
 Title Accom Manway Date _____ 20 _____
 Page SK4 of _____



SECTION 3

DO NOT WRITE IN THIS SPACE

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**LAWRENCE, KANSAS
DIGESTER IMPROVEMENTS PROJECT**

**CITY PROJECT NO. WW0601
CITY BID NO. B1106
BLACK & VEATCH PROJECT NO. 165210**

SUMMARY

CHANGE ORDER ITEM CO1-3

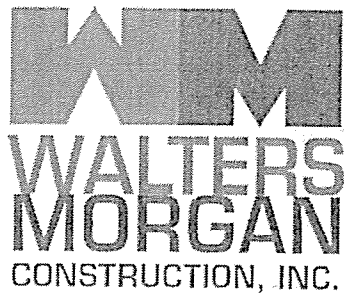
CHANGE PAVEMENT FROM ASPHALT TO CONCRETE

BLACK & VEATCH

Lawrence, Kansas
City of Lawrence
Diquester Improvements Project

15-Nov-11

Material	Cost	
Asphalt with 12" aggregate base	\$12,400.00	From original Schedule of Values
Concrete with 6" Aggregate base	\$12,364.00	From November 7 email from Scott Mueller.
Difference	(\$36.00)	A credit to the project



Submittal Cover

Walters-Morgan Construction, Inc.

2616 Tuttle Creek Boulevard

Manhattan, KS 66502

Phone: (785) 539-7513 Fax: (785) 539-6521

Website: www.waltersmorgan.com

Project Name Lawrence, KS Digester Improvements

Job Number 211-04

Submittal No. 1A

SECTION	DESCRIPTION
01310-1	Revised Schedule of Values
	Walters-Morgan is submitting the Revised Schedule of Values in accordance with section 01320 and the comments made on submittal #1.

Project Number: 211-04
Engineer's Project Number: 165210
Submittal Number: 1A
Spec Section: 01310-1

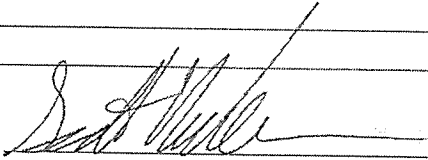
CONTRACTOR CERTIFICATION

The Contractor has determined or verified all dimensions, field construction criteria, material, catalog numbers and similar data and had coordinated the information within the submittal with the requirements of the contract documents.

NOTE:

The Contractor's review and Engineer's approval does not relieve the Subcontractors or Suppliers of the responsibility to comply with the requirements of the contract documents and coordination of the work.

July 15, 2011


Scott Mueller ext. 111

WALTERS-MORGAN CONSTRUCTION, INC.
 DIGESTER IMPROVEMENTS PROJECT
 CITY OF LAWRENCE, KS
 CITY PROJECT NO. WW0601

SCHEDULE OF VALUES

WALTERS-MORGAN JOB NO. 211-04

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
GENERAL REQUIREMENTS					
1	BONDS AND INSURANCE	1.0	LS	\$55,500.00	\$55,500.00
2	JOB PLANT MOBILIZATION	1.0	LS	\$126,000.00	\$126,000.00
3	DEMOBILIZATION	1.0	LS	\$25,000.00	\$25,000.00
SITWORK					
4	DIGESTER #3 DEMOLITION	1.0	LS	\$11,650.00	\$11,650.00
5	GAS CONTROL BUILDING DEMOLITION	1.0	LS	\$14,100.00	\$14,100.00
6	SLUDGE CONTROL BUILDING DEMOLITION	1.0	LS	\$16,000.00	\$16,000.00
7	PAVING & CURB DEMOLITION	1.0	LS	\$3,500.00	\$3,500.00
8	STR. EXCAVATION & PREP GAS CONTROL BUILDING	1.0	LS	\$11,500.00	\$11,500.00
9	STR. BACKFILL GAS CONTROL BUILDING	1.0	LS	\$5,000.00	\$5,000.00
10	CURB, GUTTER	88.0	LF	\$12.00	\$1,056.00
11	SIDEWALK	216.0	SF	\$4.00	\$864.00
12	ASPHALT PAVING	1.0	LS	\$12,400.00	\$12,400.00
CONCRETE					
13	DIGESTER #3	24.0	CY	\$844.00	\$20,256.00
14	MEMBRANE COVER BLOWER SKID EQUIPMENT PAD	3.0	CY	\$450.00	\$1,350.00
15	GAS CONTROL BUILDING	64.0	CY	\$624.00	\$39,936.00
16	CHILLER UNIT EQUIPMENT PAD	3.3	CY	\$450.00	\$1,485.00
17	SLUDGE CONTROL BUILDING EQUIPMENT PADS	6.0	EA	\$417.00	\$2,502.00
18	WASTE GAS FLARE	1.0	LS	\$4,314.00	\$4,314.00
MASONRY					
19	BUILDING MASONRY	1.0	LS	\$49,500.00	\$49,500.00
METALS					
20a	MISCELLANEOUS METALS	1.0	LS	\$36,750.00	\$36,750.00
20b	GAS CONTROL BUILDING JOIST & DECKING	1.0	LS	\$11,750.00	\$11,750.00
THERMAL AND MOISTURE PROTECTION					
21	SLUDGE CONTROL BUILDING (Membrane Roofing System)	1.0	LS	\$21,300.00	\$21,300.00
22	DIGESTER GAS CONTROL BUILDING (Membrane Roofing system)	1.0	LS	\$16,200.00	\$16,200.00
DOORS AND WINDOWS					
23	SLUDGE CONTROL BUILDING FRP DOORS & FRAMES	1.0	LS	\$7,000.00	\$7,000.00
24	DIGESTER GAS CONTROL BUILDING FRP DOORS & FRAMES	1.0	LS	\$4,000.00	\$4,000.00
25	ROLLING ALUMINUM DOORS	1.0	LS	\$4,900.00	\$4,900.00
26	ALUMINUM WINDOW ASSEMBLIES	1.0	LS	\$1,000.00	\$1,000.00
FINISHES					
27	QUARRY TILE	1.0	LS	\$16,940.00	\$16,940.00
PROTECTIVE COATINGS					
28	DIGESTER #3 WALLS	1.0	LS	\$51,740.00	\$51,740.00
29	DIGESTER #3 PIPING	1.0	LS	\$15,015.00	\$15,015.00
30	GAS CONTROL BUILDING	1.0	LS	\$18,680.00	\$18,680.00
31	SLUDGE CONTROL BUILDING	1.0	LS	\$28,105.00	\$28,105.00
PROCESS EQUIPMENT					
32	RECESSED IMPELLER CENTRIFUGAL PUMPS	1.0	LS	\$66,790.00	\$66,790.00
33	RECESSED IMPELLER CENTRIFUGAL PUMPS O&M MANUAL	1.0	LS	\$500.00	\$500.00
34	RECESSED IMPELLER CENTRIFUGAL PUMPS FIELD SERVICES	1.0	LS	\$3,000.00	\$3,000.00

WALTERS-MORGAN CONSTRUCTION, INC.
 DIGESTER IMPROVEMENTS PROJECT
 CITY OF LAWRENCE, KS
 CITY PROJECT NO. WW0601

SCHEDULE OF VALUES

WALTERS-MORGAN JOB NO. 211-04

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
35	SLUDGE HEATER	1.0	LS	\$388,190.00	\$388,190.00
36	SLUDGE HEATER O&M MANUALS	1.0	LS	\$500.00	\$500.00
37	SLUDGE HEATER FIELD SERVICE	1.0	LS	\$4,000.00	\$4,000.00
38	DIGESTER GAS MIXING EQUIPMENT	1.0	LS	\$63,750.00	\$63,750.00
39	DIGESTER GAS MIXING EQUIPMENT O&M MANUALS	1.0	LS	\$500.00	\$500.00
40	DIGESTER GAS MIXING EQUIPMENT FIELD SERVICES	1.0	LS	\$4,000.00	\$4,000.00
41	DIGESTER GAS DRYER	1.0	LS	\$271,590.00	\$271,590.00
42	DIGESTER GAS DRYER FIELD SERVICES	1.0	LS	\$3,000.00	\$3,000.00
43	DIGESTER GAS DRYER PERFORMANCE TESTING	1.0	LS	\$2,000.00	\$2,000.00
44	DIGESTER GAS DRYER O&M MANUALS	1.0	LS	\$2,100.00	\$2,100.00
45	DIGESTER GAS DRYER STARTUP	1.0	LS	\$4,500.00	\$4,500.00
46	DIGESTER GAS CONTROL EQUIPMENT	1.0	LS	\$89,840.00	\$89,840.00
47	WASTE GAS FLARE	1.0	LS	\$27,000.00	\$27,000.00
48	DIGESTER GAS CONTROL EQUIPMENT O&M MANUALS & SUBMITTALS	1.0	LS	\$750.00	\$750.00
49	DIGESTER GAS CONTROL EQUIPMENT STARTUP	1.0	LS	\$2,100.00	\$2,100.00
50	DIGESTER GAS COMPRESSORS	1.0	LS	\$78,200.00	\$78,200.00
51	DIGESTER GAS COMPRESSORS O&M MANUALS	1.0	LS	\$500.00	\$500.00
52	DIGESTER GAS COMPRESSORS FIELD SERVICES	1.0	LS	\$3,000.00	\$3,000.00

SPECIAL CONSTRUCTION

53	DIGESTER/SLUDGE TANK CLEANING	1.0	LS	\$53,100.00	\$53,100.00
54	MEMBRANE GAS-HOLDING DIGESTER COVER SUBMITTALS	1.0	LS	\$11,740.00	\$11,740.00
55	MEMBRANE GAS-HOLDING DIGESTER COVER O&M MANUALS	1.0	LS	\$11,740.00	\$11,740.00
56	MEMBRANE GAS-HOLDING DIGESTER COVER DELIVERY OF MATERIAL	1.0	LS	\$234,800.00	\$234,800.00
57	MEMBRANE GAS-HOLDING DIGESTER COVER INSTALLATION	1.0	LS	\$164,360.00	\$164,360.00
58	MEMBRANE GAS-HOLDING DIGESTER COVER STARTUP	1.0	LS	\$11,740.00	\$11,740.00
59	MEMBRANE GAS-HOLDING DIGESTER COVER TRAINING	1.0	LS	\$11,740.00	\$11,740.00
60	MEMBRANE GAS-HOLDING DIGESTER COVER FINAL ACCEPTANCE	1.0	LS	\$23,480.00	\$23,480.00

MECHANICAL

MECHANICAL SUBCONTRACTOR					
61	DUCTWORK MATERIALS	1.0	LS	\$4,530.00	\$4,530.00
62	DUCTWORK FABRICATION LABOR	1.0	LS	\$2,800.00	\$2,800.00
63	DUCTWORK INSTALLATION LABOR	1.0	LS	\$17,300.00	\$17,300.00
64	GRILLS, REGISTERS, DIFFUSERS, LOUVERS	1.0	LS	\$13,850.00	\$13,850.00
65	FANS & UNIT HEATERS	1.0	LS	\$33,500.00	\$33,500.00
66	COILS, MOTOR, AHU UPGRADE	1.0	LS	\$8,880.00	\$8,880.00
67	HYDRONIC PUMP	1.0	LS	\$3,775.00	\$3,775.00
68	PIPING MATERIAL	1.0	LS	\$32,000.00	\$32,000.00
69	PIPING LABOR	1.0	LS	\$38,750.00	\$38,750.00
70	PLUMBING INSULATION	1.0	LS	\$6,660.00	\$6,660.00
71	SERVICE-CONTROLS	1.0	LS	\$2,000.00	\$2,000.00
72	MECHANICAL INSULATION	1.0	LS	\$46,450.00	\$46,450.00
73	DIGESTER #3 DIP PIPING	86.0	LF	\$293.00	\$25,198.00
74	SLUDGE CONTROL BUILDING DIP SPOOLS & FITTINGS	72.0	EA	\$584.00	\$42,048.00
75	DIGESTER #3 SST PIPING	218.0	LS	\$228.00	\$49,704.00
76	SLUDGE CONTROL BUILDING SST	540.0	LF	\$104.00	\$56,160.00
77	SLUDGE HEATER FLUE PIPING	3.0	EA	\$6,000.00	\$18,000.00
78	GAS CONTROL BUILDING SST PIPING	285.0	LF	\$340.00	\$96,900.00
79	SLUDGE CONTROL BUILDING VALVES	51.0	LS	\$1,660.00	\$84,660.00
80	GAS CONTROL BUILDING VALVES	16.0	LS	\$3,487.00	\$55,792.00
81	OVERHEAD SST PIPING	305.0	LF	\$208.00	\$63,440.00
82	MEMBRANE GAS-HOLDING COVER BLOWER PIPE	1.0	LS	\$7,800.00	\$7,800.00

ELECTRICAL

ELECTRICAL SUBCONTRACTOR					
83	MOBILIZATION	1.0	LS	\$22,300.00	\$22,300.00
84	GAS CONTROL BUILDING - LIGHTING & GEAR	1.0	LS	\$65,550.00	\$65,550.00
85	GAS CONTROL BUILDING - CONDUIT & WIRING	1.0	LS	\$56,300.00	\$56,300.00

WALTERS-MORGAN CONSTRUCTION, INC.
DIGESTER IMPROVEMENTS PROJECT
CITY OF LAWRENCE, KS
CITY PROJECT NO. WW0601

SCHEDULE OF VALUES

WALTERS-MORGAN JOB NO. 211-04

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
86	GAS CONTROL BUILDING - EQUIPMENT TERMINATION & STARTUP	1.0	LS	\$18,260.00	\$18,260.00
87	SLUDGE CONTROL BUILDING - GEAR & LIGHTNING PROTECTION	1.0	LS	\$34,000.00	\$34,000.00
88	SLUDGE CONTROL BUILDING - CONDUIT & WIRE	1.0	LS	\$25,550.00	\$25,550.00
89	SLUDGE CONTROL BUILDING - EQUIPMENT TERMINATION & STARTUP	1.0	LS	\$14,450.00	\$14,450.00
90	GAS HOLDER SYSTEM	1.0	LS	\$9,590.00	\$9,590.00
TOTAL CONTRACT					\$3,130,000.00

Lemke, Aaron W.

From: Scott Mueller [ScottM@waltersmorgan.com]
Sent: Monday, November 07, 2011 3:02 PM
To: Lemke, Aaron W.
Subject: FW: Bettis Asphalt - PG Grade for HMA

Aaron,

The cost to provide the concrete paving 10" thick with 6" of aggregate base, as we discussed this afternoon, will be \$12,364.00.

Please contact me if you have any questions.

Thank you,

Scott Mueller

From: Scott Mueller
Sent: Tuesday, November 01, 2011 9:47 AM
To: 'Lemke, Aaron W.'
Subject: RE: Bettis Asphalt - PG Grade for HMA

Aaron,

The cost to provide concrete paving 10" thick with #5 rebar on 12" OC will be \$13,222.00. Included in the cost is the 12" of Aggregate Base as shown on drawing BC3 detail H. If the aggregate base is not required the cost to install the concrete on compacted site material is \$10,667.00.

Thank you,

Scott Mueller

From: Lemke, Aaron W. [mailto:LemkeAW@BV.COM]
Sent: Monday, October 31, 2011 7:19 PM
To: Scott Mueller
Subject: RE: Bettis Asphalt - PG Grade for HMA

Scott,

I did a quick check through my email and was not able to find anything on cost of a concrete slab as an alternative to asphalt (I may have just been looking in the wrong place). Can you send/re-send cost for a concrete slab as an alternative to asphalt. I would like to discuss with the City to get their input for concrete or asphalt.

Thank you,

Aaron Lemke, | Engineer, Water

Black & Veatch | 8400 Ward Parkway, Kansas City, MO 64114
+1 913-458-3361 P | +1 913-458-3802 F | LemkeAW@BV.com
Building a World of Difference.®

Please consider the environment before printing my email

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From: Scott Mueller [<mailto:ScottM@waltersmorgan.com>]
Sent: Tuesday, October 25, 2011 5:21 PM
To: Lemke, Aaron W.
Subject: FW: Bettis Asphalt - PG Grade for HMA

Aaron,

Below is the asphalt cement grade available to Bettis Asphalt for use at the area east of the Gas Control Building.

Let me know if one of the grades will be acceptable for use.

Thank you,

Scott

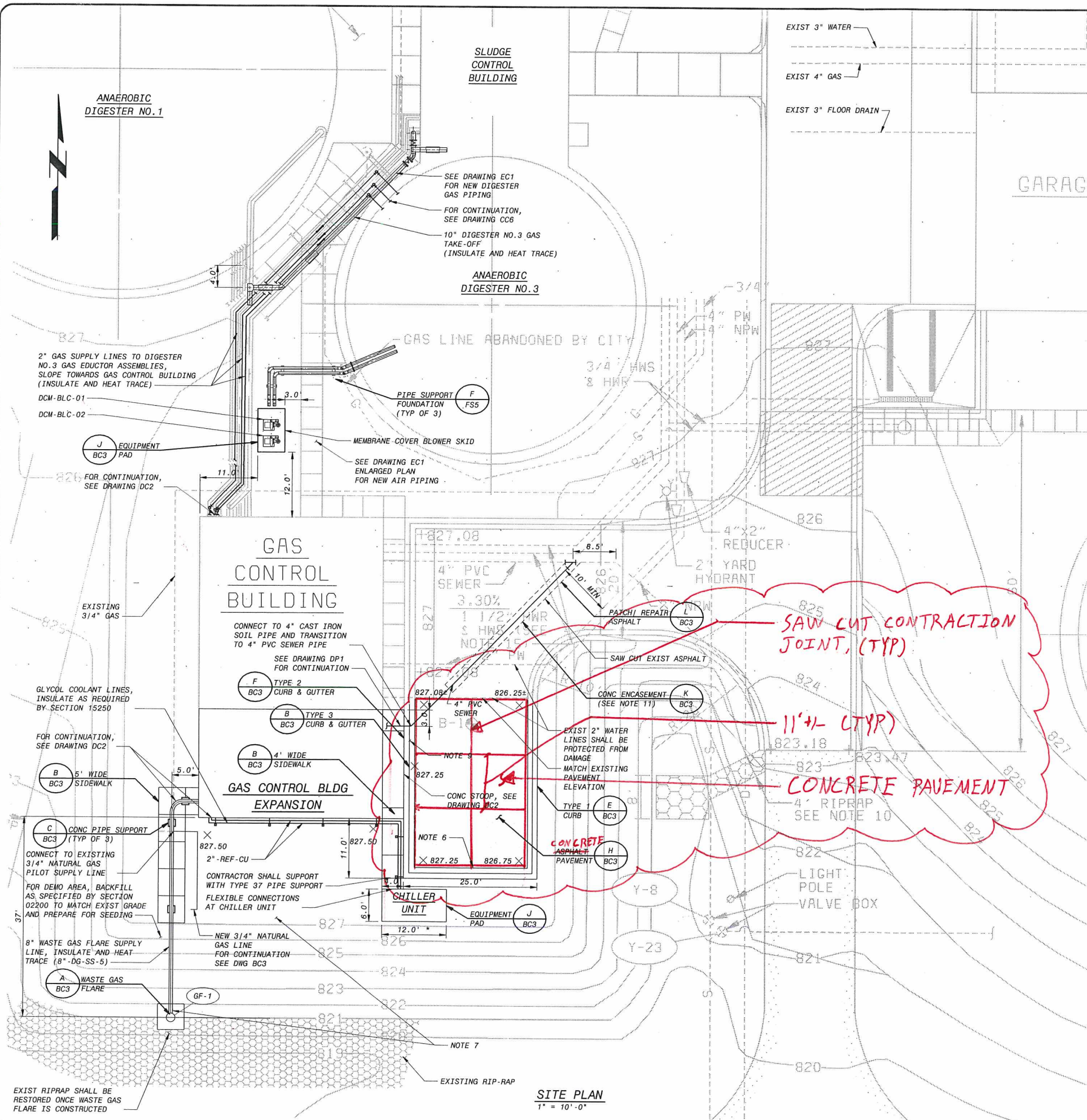
From: Mark Bettis [<mailto:mbettis@bettisasphalt.com>]
Sent: Tuesday, October 25, 2011 5:07 PM
To: Scott Mueller
Subject: Bettis Asphalt - PG Grade for HMA

Scott

We carry PG 64-22 and PG 58-28 grade AC and would like to use either on your project. The City of Lawrence specs PG 64-22 for there work.

Thanks,

Mark Bettis
Bettis Asphalt & Construction, Inc.
Office 785-235-8444
Fax 785-232-0078

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