

JAY SHAH, Chairperson
ANDY MEISNER, Vice-Chairperson &
O.C. Treasurer
DONALD SNIDER, Secretary
JAMELE HAGE
L. BROOKS PATTERSON, O.C. Executive

AGENDA

WEDNESDAY, SEPTEMBER 12, 2018

9:00 a.m.

Public Works Building
Facilities Management Conference Room, 1st Floor
One Public Works Drive
Waterford, MI 48328

1. Roll Call
2. Approval of Agenda – **Committee Action Required**
3. Approval of Minutes – **Committee Action Required**
4. Comments from Public
5. Animal Shelter Project (pages **1** thru **4**)
 - a) Project Work In Progress, Statement of Fund Balance, Balance Sheet (pages **1** thru **4**) – **Informational**
6. Infrastructure – IT Projects (pages **5** thru **23**)
 - a) Project Work In Progress, Statement of Fund Balance, Balance Sheet (pages **5** thru **7**) – **Informational**
 - b) Invoice(s) Project (page **8**) - **Committee Action Required**
7. Other Business
8. Adjourn until next regular meeting on **Wednesday, October 10, 2018**



Facilities Management
PROJECT WORK IN PROGRESS
BA Animal Ctrl Pet Adoption Ct
100000002199
 (as of August 27, 2018)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
BLDCO - Building Construction				
702000 - Salaries		0.00	13,079.09	
730352 - Construction		0.00	13,194,856.32	
773535 - Info Tech CLEMIS		0.00	200.59	
777560 - Radio Communications		0.00	3,599.06	
Building Construction TOTALS				
13,429,604.00		0.00	13,211,735.06	\$217,868.94
CONT - Contingency				
730359 - Contingency		0.00	77,560.00	
730520 - Design Fees		0.00	3,660.00	
Contingency TOTALS				
94,000.00		0.00	81,220.00	\$12,780.00
FM_CONSTR_DOCS - Construction Documents				
730520 - Design Fees		0.00	847,608.85	
Construction Documents TOTALS				
820,000.00		0.00	847,608.85	(\$27,608.85)
FM_DESIGN_DEV - Design Development				
702000 - Salaries		0.00	215.25	
Design Development TOTALS				
0.00		0.00	215.25	(\$215.25)
FM_PRELIM_PLNG - Preliminary Planning				
702000 - Salaries		0.00	77.26	
Preliminary Planning TOTALS				
0.00		0.00	77.26	(\$77.26)
FRINGE_BENEFITS - Fringe Benefits				
722000 - Fringe Benefits		0.00	8,600.75	
Fringe Benefits TOTALS				
0.00		0.00	8,600.75	(\$8,600.75)
FURNISHINGS - Furnishings				
760160 - Furniture and Fixtures		0.00	112,402.83	
Furnishings TOTALS				
105,000.00		0.00	112,402.83	(\$7,402.83)
GLB - GL Balance Sheet				
730352 - Construction		0.00	214.45	
GL Balance Sheet TOTALS				
0.00		0.00	214.45	(\$214.45)
LEGAL - Legal and Financial				
731073 - Legal Services		0.00	117,337.50	
731528 - Publishing Legal Notices		0.00	1,850.75	
793938 - Discount on Bonds		0.00	23,432.54	
Legal and Financial TOTALS				
250,000.00		0.00	142,620.79	\$107,379.21
MAT - Storeroom Materials Only				



Facilities Management
PROJECT WORK IN PROGRESS
BA Animal Ctrl Pet Adoption Ct
10000002199
 (as of August 27, 2018)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
775754 - Maintenance Department Charges		0.00	486.08	
Storeroom Materials Only TOTALS	0.00	0.00	486.08	(\$486.08)
OWNERS COST - OWNERS COSTS				
702000 - Salaries		0.00	832.91	
730324 - Communications		0.00	3,105.00	
730352 - Construction		0.00	302,718.57	
731115 - Licenses and Permits		0.00	110,435.92	
731241 - Miscellaneous		0.00	8,848.47	
731360 - Planning		0.00	106,230.93	
OWNERS COSTS TOTALS	690,396.00	0.00	532,171.80	\$158,224.20
TESTING - Testing Services				
731906 - Testing Services		0.00	40,168.81	
Testing Services TOTALS	61,000.00	0.00	40,168.81	\$20,831.19

Project 10000002199 - BA Animal Ctrl Pet Adoption Ct			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$15,450,000.00	\$0.00	\$14,977,521.93	\$472,478.07
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
655077-Accrued Interest Adjustments	\$144.76	\$25,495.22	
655385-Income from Investments	\$780.82	\$209,687.35	
697551-Issuance of Bonds	\$0.00	\$15,450,000.00	
TOTAL REVENUE	\$925.58	\$15,685,182.57	
REVENUE OVER/(UNDER) EXPENSES		\$707,660.64	

County of Oakland
BA Animal Control Pet Adoption
Statement of Fund Balance
For The Eleven Months Ended August 31, 2018
Fund 41425

Revenues:

Income from Investments	19,895.57
Accrued Interest Adjustments	(1,626.06)
	18,269.51

Expenditures:

Charges Against Project	79,280.99
Subtotal	(61,011.48)
Operating Transfers In	0.00
Operating Transfers Out	0.00

Fund Balance at Beginning of Year	768,672.12
Fund Balance at August 31, 2018	\$707,660.64

**County of Oakland
BA Animal Control Pet Adoption
Balance Sheet
August 31, 2018
Fund 41425**

ASSETS

Cash Operating	682,165.42
Accrued Interest on Investment	25,495.22
	<u>707,660.64</u>

LIABILITIES AND FUND BALANCE

Current Liabilities:

Accounts Payable	0.00
Vouchers Payable	0.00
Total Current Liabilities	<u>0.00</u>

Fund Balance	<u>707,660.64</u>
Total Liabilities and Fund Balance	<u><u>707,660.64</u></u>



Facilities Management
PROJECT WORK IN PROGRESS
c141 Sheriff RCCSteamTunnel Ren
10000002604
 (as of August 31, 2018)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
FRINGE_BENEFITS - Fringe Benefits				
722000 - Fringe Benefits		0.00	321.34	
Fringe Benefits TOTALS				
	0.00	0.00	321.34	(\$321.34)
MAT - Storeroom Materials Only				
775754 - Maintenance Department Charges		0.00	181.78	
Storeroom Materials Only TOTALS				
	0.00	0.00	181.78	(\$181.78)
PROJ - Project				
702000 - Salaries		0.00	558.72	
730352 - Construction		124,308.40	2,971,420.77	
Project TOTALS				
	3,046,800.00	124,308.40	2,971,979.49	\$74,820.51

Project 10000002604 - c141 Sheriff RCCSteamTunnel Ren				
Total Project Expenses				
	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
	\$3,046,800.00	\$124,308.40	\$2,972,482.61	\$74,317.39
Total Project Revenue				
Account		Month-to-Date Revenue	Life-to-Date Revenue	
695500-Transfers In		\$0.00	\$1,050,000.00	
TOTAL REVENUE		\$0.00	\$1,050,000.00	
REVENUE OVER/(UNDER) EXPENSES				(\$1,922,482.61)

County of Oakland
BA-FAC Infrastructure-IT Projects
Statement of Fund Balance
For The Eleven Months Ended August 31, 2018
Fund 41423

Revenues:	
Income from Investments	57,032.43
Accrued Interest Adjustments	2,529.17
	59,561.60
 Expenditures:	
Charges Against Project	(4,090,714.56)
Subtotal	(4,031,152.96)
Reimbursement General	
Operating Transfers In	
Operating Transfers Out	
Fund Balance at Beginning of Year	5,673,515.20
Fund Balance at August 31, 2018	\$1,642,362.24

County of Oakland
BA-FAC Infrastructure-IT Projects
Balance Sheet
August 31, 2018
Fund 41423

ASSETS

Cash Operating	\$1,629,191.56
Accrued Interest on Investment	<u>13,170.68</u>
	<u><u>\$1,642,362.24</u></u>

LIABILITIES AND FUND BALANCE

Current Liabilities:	
Accounts Payable	0.00
Vouchers Payable	<u>0.00</u>
Total Current Liabilities	0.00
Fund Balance	<u>1,642,362.24</u>
Total Liabilities and Fund Balance	<u><u>\$1,642,362.24</u></u>

From: Shawn Phelps, Chief of Fiscal Services
Facilities Management Accounting



Date: September 12, 2018

Subject: BA FAC Infrastructure-IT project fund invoices to be paid by fund 41423 (FAC portion)

Payable To	Date	Invoice #	WO	Project	Proj #	Amount
George W. Auch	8/15/2018	34201	C-141	Steam Tunnel Project	1..2604	(Paid from OC Treasurer's Acct) \$131,559.95 (Paid from Fund 41423) \$286.00
						<u>\$131,845.95</u>
SME	4/9/2018	84191	C-141	Sheriff RCC Steam Tunnel Ren	1..2604	\$1,781.75
SME	6/13/2018	85886	C-141	Sheriff RCC Steam Tunnel Ren	1..2604	\$3,404.00
SME	7/12/2018	86794	C-141	Sheriff RCC Steam Tunnel Ren	1..2604	\$1,412.50
SME	8/9/2018	87550	C-141	Sheriff RCC Steam Tunnel Ren	1..2604	\$302.50
					Total	<u>\$138,746.70</u>

OC Building Authority Jay Shah, Chairperson

5A



CONTRACT PAYMENT APPROVAL

C O U N T Y M I C H I G A N - DEPARTMENT OF FACILITIES MANAGEMENT - FACILITIES PLANNING & ENGINEERING

One Public Works Drive
Waterford, MI 48341
(248) 858-0144

PAYMENT #	CONTRACT #	PAYMENT DATE
10	3660	8/29/18
WORK ORDER #	PEOPLESOFT PROJECT #	PROJECT NO. & TITLE
C141	10000002604	12-086 Steam Tunnel Project

RECOMMENDATIONS FOR APPROVAL

This is to certify that George W. Auch
Is entitled to payment of One Hundred Thirty One Thousand Eight Hundred Forty Five Dollars & 95/100's
\$131,845.95

In accordance with invoice #34201 dated 08/15/18

Carmelo Moyet 8-30-18
Oakland County Division Project Manager - Carmelo Moyet Date
Jason Warner 8-21-18
Oakland County Division Supervisor - Jason Warner Date

Ed Joss 9-2-18
Oakland County Division Manager - Ed Joss Date
Oakland County Building Authority - Jay Shah Date

REMARKS	STATEMENT OF ACCOUNT
Retainage	Original Contract
Previously Held: \$241,023.20	Services: \$2,337,000.00
Previous Payments: \$109,463.25	Contingencies: \$0.00
Sub-Total: \$131,559.95	Allowances: \$0.00
Current Retainage to Hold: \$0.00	Total Original Contract Sum: \$2,337,000.00
Current Retainage to Pay: \$131,559.95	Net Changes by Change Orders: \$719,266.00
Sub-Total: (\$131,559.95)	Contract Sum to Date: \$3,056,266.00
Retainage Account Balance: <u>\$0.00</u>	Total Contract Completed to Date: \$3,021,283.10
	Less Retainage: \$0.00
	Total Earned Less Retainage: \$3,021,283.10
	Less Previous Certificates for Payment: (\$2,889,437.15)
	Current Invoice (Project Fund): \$286.00
	Current Retainage to Pay (Treasure's Office): \$131,559.95
	Total Current Payment Due: \$131,845.95
	Total Balance to Finish, plus retainage: \$34,982.90
<input checked="" type="checkbox"/> FORMAL RETAINAGE <input type="checkbox"/> NOT FORMAL RETAINAGE	

PROJECT BUDGET SUMMARY	
Total Project Budget:	\$3,046,800.00
Expenditures To Date	(\$2,972,482.61) < includes Retainage Account Balance Amount
Sub-Total:	\$74,317.39
Current Invoice:	\$286.00
Total Remaining Project Budget:	<u>\$74,031.39</u>

Fund 41423
Dept 1040105
Program 148030
Account 730352
Oper Unit 24811
Project # 2604
Source Type 00002
Category 29816
3/30 RQ 306556
PO 304277

Copies: Fiscal Services, Project Manager, FE File



AUCH
AUCH Construction
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65 University Drive
 Pontiac, Michigan 48342
 P (248) 334-2000
 F (248) 334-3404
 www.auchconstruction.com

Oakland County
 1200 N. Telegraph
 Pontiac, MI 48341

REFER TO INVOICE 34201
 INVOICE DATE 08/15/18
 CONTRACT NO. 8069-00

LOCATION
 OC-SHERIFFADMIN RCC STEAMTUNNE

TERMS: NET. RECEIPT OF INVOICE

Owner's Project#/PO#/Contract#

CURRENT CONTRACT AMOUNT:	\$3,056,266.00

Total Completed & Stored to Date:	\$3,021,283.10
Less Retention -	\$.00
Total Earned less Retention:	\$3,021,283.10
Less Previous Certificates for Payment:	\$2,889,437.15

AMOUNT DUE THIS INVOICE: \$131,845.95

Please Remit to:

THANK YOU

George W. Auch Company

65 University Drive

Pontiac, MI 48342

APPLICATION AND CERTIFICATE FOR PAYMENT

From: (Contractor) George W. Auch Company
 65 University Drive
 Pontiac, MI 48342

To: (Owner) Oakland County
 1200 N. Telegraph
 Pontiac, MI 48341

Invoice: 34201
 Draw 8069-15
 Invoice date: 8/15/2018
 Period ending date: 8/15/2018

Architect: Soil & Materials Engineers, Inc
 13019 Pauline Drive
 Shelby Township, MI 48315

REQUEST FOR PAYMENT:

ORIGINAL CONTRACT	\$2,337,000.00	Project:	8069-00
Net change by Change Orders.....	\$719,266.00		OC-SHERIFFADMIN RCC STEAMTUNNE
CONTRACT SUM TO DATE.....	\$3,056,266.00	Contract date:	
TOTAL COMPLETED AND STORED TO DATE	\$3,021,283.10	Architect:	Soil & Materials Engineers, Inc
RETAINAGE.....	\$0.00	Contract For:	OAKLAND COUNTY OC-SHERIFF ADMIN RCC STEAM TUNNEL REPAIRS PRE-CONSTRUCTION AND CONSTRUCTION SERVICES
TOTAL EARNED LESS RETAINAGE	\$3,021,283.10	Project Manager:	James Munchiando
LESS PREVIOUS CERTIFICATES FOR PAYMENT ..	\$2,889,437.15		
CURRENT PAYMENT DUE	\$131,845.95		
BALANCE TO FINISH.....	\$34,982.90		

I hereby certify that the work performed and the materials supplied to date, as shown on the above represent the actual value of the accomplishment under the terms of the Contract (and all authorized changes thereof) between the undersigned and the Oakland County relating to the above referenced project. I also certify that the contractor has paid all amounts previously billed and paid by the owner.

CONTRACTOR:

G. Walden

By:

Craig Walden, Treasurer

Date: August 22, 2018

Subscribed and sworn to before me this 22nd day of August, 2018
 Notary Public: Macomb County Brigitte E. Barnhart
 My commission expires: 3/21/2019 Acting in Oakland County

Brigitte E. Barnhart

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED.....\$131,845.95
 (Attach explanation if amount certified differs from the amount applied for.)
 ARCHITECT:

By: _____ Date _____
 This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment, and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

CONTINUATION SHEET

Project: 8069-00 / OC-SHERIFFADMIN RCC Invoice: 34201 Draw 8069-15 Period Ending Date: 8/15/2018 Page 3 of 3 Pages

Item ID	Description	Total Contract Amount	Previously Completed Work	Work Completed This Period	Presently Stored Materials	Completed And Stored To Date	% Comp	Balance To Finish	Retainage Balance
510-03									
520-00	STORM PIPE BRACES								
520-01									
530-00	UTILITY FRAME BASES								
530-01									
540-00	UTILITY STRUT SUPPORTS								
540-01									
550-00	ACCESS SHAFTS								
550-01									
560-00	SAFETY CREW CONFINED SPA								
560-01	MOVE \$60,000 TO NORTH TUNI								
560-02									
570-00	ELECTRICAL FEED								
570-01	MOVE \$26,268 TO NORTH TUNI								
570-02									
580-00	IRRIGATION / RESTORATION	5,286.00	5,000.00	286.00		5,286.00	100.0		
580-01									
1000-00	PRECONSTRUCTION SERVICE:	31,000.00	31,000.00			31,000.00	100.0		
1000-01									
1010-00	GENERAL CONDITIONS	191,575.00	191,575.00			191,575.00	100.0		
1010-01	GC'S NORTH TUNNEL	49,714.00	25,939.00			25,939.00	52.2	23,775.00	
1010-02									
1020-00	PERMITS	14,702.00	14,702.00			14,702.00	100.0		
1020-01									
1030-00	CONTINGENCY	10,000.00						10,000.00	
1030-01									
1030-02	CONTINGENCY NORTH TUNNE								
1040-00	OCP INSURANCE	2,000.00	2,000.00			2,000.00	100.0		
1040-01									
1050-00	BOND	30,822.00	30,513.78			30,513.78	99.0	308.22	
1050-01									
1060-00	GL INSURANCE	15,425.00	15,270.75			15,270.75	99.0	154.25	
1060-01									
1070-00	2.5% FEE	74,543.00	73,797.57			73,797.57	99.0	745.43	
	Grand Totals	\$3,056,266.00	\$3,020,997.10	\$286.00		\$3,021,283.10	98.9	\$34,982.90	\$0.00

CONTINUATION SHEET

Project: 8069-00 / OC-SHERIFFADMIN RCC Invoice: 34201

Draw 8069-15

Period Ending Date: 8/15/2018 Page 2 of 3 Pages

Item ID	Description	Total Contract Amount	Previously Completed Work	Work Completed This Period	Presently Stored Materials	Completed And Stored To Date	% Comp	Balance To Finish	Retainage Balance
10-00	OAKLAND COUNTY								
10-01	SHERIFF ADMIN RCC STEAM								
10-02	TUNNEL								
10-03	AUCH JOB #8069 (O26779)								
10-04									
100-00	A - TUNNEL REPAIR								
100-01	RAM CONSTRUCTION SERVICE	691,367.00	691,367.00			691,367.00	100.0		
100-02	CO #1 - BRACKETS	19,250.00	19,250.00			19,250.00	100.0		
100-03	CO #2 - SHAFTS	73,186.00	73,186.00			73,186.00	100.0		
100-04	CO #3 - ADDED RESTEEL RFI #	2,820.00	2,820.00			2,820.00	100.0		
100-05	CO #3 ADD CABLE SUPPORT W	4,158.00	4,158.00			4,158.00	100.0		
100-06	CO #4 REPLACE STEAM BRACK								
100-07	& TUNNEL RISERS								
100-08	CO #5 QU CHANGES PER BULL	14,760.00	14,760.00			14,760.00	100.0		
100-09	CO #7 ADJ UNITS & NORTH TUI	-52,948.00	-52,948.00			-52,948.00	100.0		
100-10	ADD'L WORK (AMEND#41)	462,229.00	462,229.00			462,229.00	100.0		
100-11	CO #8 PREP FOR COATING-N.T								
100-12	CO #8 COATING FOR N.TUNNE:	379,033.00	379,033.00			379,033.00	100.0		
100-13		220,967.00	220,967.00			220,967.00	100.0		
110-00	B - MECHANICAL								
110-01	VENTCON								
110-02	CO #1 - PAINT CURB ADAPTER:	70,020.00	70,020.00			70,020.00	100.0		
110-03	CO #4 SUMP DISCHARGE, REV	600.00	600.00			600.00	100.0		
110-04	SUBMITTAL FOR ATTACHMEN'								
110-05	CO #6 ISOLATE 6" PIPE	8,129.00	8,129.00			8,129.00	100.0		
110-06	GUARD SOUTH TUNNEL								
110-07	CO #7 ISOLATE FOR S.TUNNEL	550.00	550.00			550.00	100.0		
110-08		1,078.00	1,078.00			1,078.00	100.0		
120-00	C - ELECTRICAL								
120-01	METRO ELECTRIC								
120-02		736,000.00	736,000.00			736,000.00	100.0		
500-00	ALLOWANCES								
510-00	TUNNEL REPAIR NORTH								
510-01	MOVE \$119,000 TO NORTH TUN								
510-02									
	SUBTOTALS	2,631,199.00	2,631,199.00			2,631,199.00		0.00	0.00

SWORN STATEMENT

(State of Michigan) SS
(County of Oakland)

CRAIG WALDEN, TREASURER being duly sworn, deposes and says:

That he makes the Sworn Statement on behalf of George W. Auch Company, who is the contractor for an improvement to the following described real property situated in Oakland county, Michigan, and described as follows:

Contract #: 8069-00 OC-SHERIFFADMIN RCC STE.

Application Number 34201
Application Date 08/15/18
Period To 08/15/18

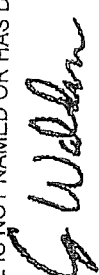
That the following is a statement of each subcontractor and supplier and laborer, for which laborer the payment of wages or fringe benefits and withholdings is due but unpaid, with whom the subcontractor has contracted for performance under the contract with the owner or lessee thereof, and that the amounts due to the persons as of the date thereof are correctly and fully set forth opposite their names, as follows:

Description of Work	Contract Amount	Previously Paid	Amount Owed	Amount Retained	Balance	Wage & Fringe
SEE ATTACHED						

That the contractor has not procured material from, or subcontracted with, any person other than those set forth above and owes no money or improvement.

Deponent further says that he or she makes the following statement as the contractor or as agent of the subcontractor for the purpose of representing to the owner or lessee of the above described premises and his or her agents that the above described property is free from claims of construction liens, or the possibility of construction liens, except as specifically set forth above and except for claims of construction liens by laborers which may be provided pursuant to section 109 of the construction lien act, Act No 497 of the Public Acts of 1980, as amended, being section 570.11009 of the Michigan Compiled Laws

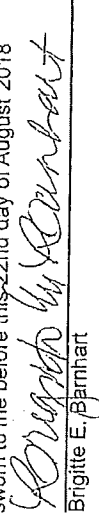
WARNING TO OWNER: AN OWNER OR LESSEE OF THE ABOVE-DESCRIBED PROPERTY MAY NOT RELY ON THIS SWORN STATEMENT TO AVOID THE CLAIM OF A SUBCONTRACTOR, SUPPLIER, OR LABORER WHO HAS PROVIDED A NOTICE OF FURNISHING OR A LABORER WHO MAY PROVIDE A NOTICE OF FURNISHING PURSUANT TO SECTION 109 OF THE CONSTRUCTION LIEN ACT TO THE DESIGNEE OR THE OWNER OR LESSEE IF THE DESIGNEE IS NOT NAMED OR HAS DIED

By:  8/22/2018
CRAIG WALDEN, TREASURER (Deponent)

WARNING TO DEPONENT: A PERSON, WHO WITH THE INTENT TO DEFRAUD, GIVES A FALSE SWORN STATEMENT IS SUBJECT TO CRIMINAL PENALTIES AS PROVIDED IN SECTION 110 OF THE CONSTRUCTION LIEN ACT, ACT NO. 497 OF THE PUBLIC ACTS OF 1980, AS AMENDED, BEING SECTION 570.2220 OF THE MICHIGAN COMPILED LAWS.

State of Michigan, County of Oakland

Subscribed and sworn to me before this 22nd day of August 2018

Notary Public:  Brigitte E. Barnhart

Macomb County, Michigan

My commission expires 3/21/2019
Acting in Oakland County

PARTIAL CONDITIONAL WAIVER

I/We have a contract with Oakland County
to provide Construction Services for
the improvement to the property described as:

OC-SHERIFFADMIN RCC STEAMTUNNE

OAKLAND COUNTY
Application No. 806900015

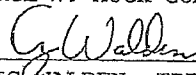
and hereby waive my/our construction lien in the amount of \$131,845.95
for labor and material provided through 08/15/2018

This waiver, together with all previous waivers, if any, (circle one)
DOES/DOES NOT cover all amounts due to me/us for contract improvements
provided through the date shown above.

This waiver is conditioned on actual payment of the amount shown
above.

GEORGE W. AUCH COMPANY

By:


CRAIG WALDEN, TREASURER

Address:

65 University

Pontiac, MI 48342

Telephone:

(248)334-2000

Signed on:

08/22/2018

(date)

DO NOT SIGN BLANK OR INCOMPLETE FORMS.

RETAIN A COPY.

SM E

12-086

BA

Project	070486.04	Restoration of Metal Utility Steam	Invoice	84191
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Senior Administrative Assistant

Michael, Melessa	2/26/2018	.50	80.00	40.00
Admin Work				
Michael, Melessa	3/6/2018	.25	80.00	20.00
Admin				
Michael, Melessa	3/8/2018	.50	80.00	40.00
Process report				
Totals		16.50		1,781.75
Total Labor				1,781.75

Total this Invoice \$1,781.75

Outstanding Invoices

Number	Date	Balance
83975	3/26/2018	8,986.75
Total		8,986.75

All Unpaid Invoices \$10,768.50

Thank you for the opportunity to be of service.
Project Manager Roland Bogdani

[Handwritten signature]
8-20-18

8-17-18
CM CR

WO 630109
CC 14PC141BA
Cat 29816

Fund 41423
 Dept 1040105
 Program 148020
 Account 730352
 Oper Unit 24811
 Project # 2604
 Source Type 00002
 Category 29816
 8/28 RA 315072
 PO 311972

Terms: Invoice is due upon receipt. Amount not paid within 30 days are subject to 1.5% per month late charge. Retainers received will be applied to the final invoice.



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 OAKLAND COUNTY
 AUG 17 2018
 FACILITIES MANAGEMENT
 PLANNING & ENGINEERING

Carmelo Moyet
 Facilities Engineer
 Oakland County
 1200 North Telegraph Road
 Pontiac, MI 48341

April 09, 2018
 Invoice No:

84191 /

Project 070486.04 Restoration of Metal Utility Steam Tunnel from 32 East to 38 East
 BLANKET ORDER #3237

Sheriff's Admin RCC Steam Tunnel

Professional Services from February 26, 2018 to March 25, 2018

Personnel

	Hours	Rate	Amount
Project Engineer			
Bogdani, Roland 2/27/2018	.50	121.00	60.50
review meeting notes from coatings			
Bogdani, Roland 2/28/2018	3.00	121.00	363.00
project meeting, tunnel walkthrough			
Bogdani, Roland 3/2/2018	3.00	121.00	363.00
on-site meeting and walkthrough			
Bogdani, Roland 3/5/2018	1.00	121.00	121.00
SCN report			
Bogdani, Roland 3/7/2018	1.00	121.00	121.00
report review/discuss with josh. then Al Bussey (Auch)			
Jablonski, Nicholas 2/26/2018	.25	121.00	30.25
Schedule CMB			
Jablonski, Nicholas 2/28/2018	.25	121.00	30.25
Schedule/WO			
Jablonski, Nicholas 3/7/2018	.25	121.00	30.25
Report Review			
Senior Engineer			
Thorn, Brennan 3/7/2018	.25	111.00	27.75
shotcrete break report revisions			
Materials Specialist			
Vorhies, Joshua 3/2/2018	2.75	93.00	255.75
on site review of south tunnel ceiling rebar and north of south tunnel floor rebar and discussion on shotcrete measurements from our last visit, report			
NDT Technician			
Buyle, Christopher 2/27/2018	3.00	93.00	279.00
on site pre-coatings meeting, including travel and email correspondence			

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 Retainers received will be applied to the final invoice.

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Project	070486.04	Restoration of Metal Utility Steam			Invoice	85886 /
Jablonski, Nicholas	5/1/2018	.25	121.00		30.25	
Schedule/WO						
Jablonski, Nicholas	5/3/2018	.25	121.00		30.25	
Schedule/WO						
Senior Engineer						
Bresler, Nicholas	5/24/2018	.50	111.00		55.50	
Project discussion/coordination.						
Bresler, Nicholas	5/25/2018	3.00	111.00		333.00	
Project discussion. On site for north tunnel coating.						
Bresler, Nicholas	5/26/2018 Ovt	2.50	166.50		416.25	
On site for north tunnel coating.						
Materials Specialist						
Carlson, John	5/21/2018	.50	93.00		46.50	
Vorhies, Joshua	5/3/2018	2.25	93.00		209.25	
9:15-11:30 on site						
Vorhies, Joshua	5/4/2018	.75	93.00		69.75	
report for 5/3						
Vorhies, Joshua	5/7/2018	.50	93.00		46.50	
report review/ discussion with roland						
Vorhies, Joshua	5/9/2018	2.00	93.00		186.00	
On site 7:45 - 9:45 weld review north tunnel						
Vorhies, Joshua	5/11/2018	.75	93.00		69.75	
report						
NDT Technician						
Buyle, Christopher	5/19/2018 Ovt	2.00	139.50		279.00	
2.0 hrs on site for blast review of north half of north tunnel						
Buyle, Christopher	5/21/2018	2.00	93.00		186.00	
1.0 hr report for visit on Sat 5/19						
1.0 hr site visit for blast review of south half of north tunnel						
Buyle, Christopher	5/25/2018	3.00	93.00		279.00	
3.0 hrs on site for final review of north tunnel review prior to first coat.						
Senior Administrative Assistant						
DeBeliso, Tracey	5/21/2018	.25	80.00		20.00	
updated Chris' WO						
Michael, Melessa	5/14/2018	.25	80.00		20.00	
outstanding report						
Michael, Melessa	5/15/2018	.50	80.00		40.00	
process reports						
Michael, Melessa	5/23/2018	.50	80.00		40.00	
Michael, Melessa	5/24/2018	.25	80.00		20.00	
Totals			30.25		3,404.00	
Total Labor					3,404.00	

8-17-18
 CM OK
 WU 630109
 CC 14PC14/BA
 CRT 29816
 Fund 41423
 Dept 1040105
 Program 148000
 Account 730352
 Oper Unit 24811
 Project # 2604
 Source Type 00002
 Category 29816
 8/28 RQ 315077
 PO 311973

Total this Invoice \$3,404.00

Outstanding Invoices		
Number	Date	Balance
84191	4/9/2018	1,781.75

8-17-18
 CM OK
 8-20-18



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 AUG 17 2018
 FACILITIES MANAGEMENT
 PLANNING & ENGINEERING

Carmelo Moyet
 Facilities Engineer
 Oakland County
 1200 North Telegraph Road
 Pontiac, MI 48341

June 13, 2018
 Invoice No: 85886 ✓

Project 070486.04 Restoration of Metal Utility Steam Tunnel from 32 East to 38 East
 BLANKET ORDER #3237

Sheriff's Admin RCC Steam Tunnel

Professional Services from April 30, 2018 to May 27, 2018

Personnel

		Hours	Rate	Amount
Senior Project Manager				
Vorhies, Tiffany	5/23/2018	.25	144.00	36.00
sig				
Senior Project Engineer				
Jablonski, Nicholas	5/10/2018	.25	144.00	36.00
Call with Roland and Schedule Chris (week +/-)				
Jablonski, Nicholas	5/14/2018	.50	144.00	72.00
Report Reviews (x2) and Comments				
Jablonski, Nicholas	5/15/2018	.25	144.00	36.00
Coatings Schedule/Staffing Updates with Roland/CMB				
Project Engineer				
Bogdani, Roland	5/3/2018	.25	121.00	30.25
Discussion with Al and Josh				
Bogdani, Roland	5/7/2018	1.00	121.00	121.00
review Josh's report				
Bogdani, Roland	5/8/2018	.25	121.00	30.25
schedule site visit				
Bogdani, Roland	5/9/2018	.25	121.00	30.25
schedule site visit				
Bogdani, Roland	5/10/2018	1.50	121.00	181.50
on-site visit				
Bogdani, Roland	5/11/2018	.50	121.00	60.50
review Josh's reprot				
Bogdani, Roland	5/15/2018	1.00	121.00	121.00
review reports				
Bogdani, Roland	5/18/2018	2.00	121.00	242.00
On-site review/schedule coating services				
Bogdani, Roland	5/24/2018	.25	121.00	30.25
Schedule coaings review				

Terms: Invoice is due upon receipt. Amount not paid within 30 days are subject to 1.5% per month late charge.
 Retainers received will be applied to the final invoice.

Project	070486.04	Restoration of Metal Utility Steam	Invoice	85886/
	84954	5/15/2018	6,860.13	
	Total		8,641.88	
		All Unpaid Invoices		\$12,045.88

Thank you for the opportunity to be of service.
Project Manager Roland Bogdani

Terms: Invoice is due upon receipt. Amount not paid within 30 days are subject to 1.5% per month late charge.
Retainers received will be applied to the final invoice.

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Project 070486.04 Restoration of Metal Utility Steam Invoice 86794 /

Senior Administrative Assistant

DeBeliso, Tracey	6/5/2018	.50	80.00	40.00
moved info Chris had on work order for 077556.00 to this project				
Michael, Melessa	6/4/2018	.50	80.00	40.00
Michael, Melessa	6/6/2018	.50	80.00	40.00
Michael, Melessa	6/8/2018	.50	80.00	40.00
Totals		14.00		1,412.50

Total Labor

1,412.50

Total this Invoice \$1,412.50

Outstanding Invoices

Number	Date	Balance
84191	4/9/2018	1,781.75
85886	6/13/2018	3,404.00
Total		5,185.75

8-17-18
CM OK

All Unpaid Invoices \$6,598.25

Thank you for the opportunity to be of service.
Project Manager Roland Bogdani

OK
8-20-18

8-17-18
CM OK

WO 630109
CC 14PC141BA
Cat 29816

Fund 41423
 Dept 1040103
 Program 148020
 Account 230352
 Oper Unit 29811
 Project # 2604
 Source Type 00003
 Category 29816

8/23 RO 315080
PO 311974

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July 12, 2018
 Invoice No:

86794 /

Carmelo Moyet
 Facilities Engineer
 Oakland County
 1200 North Telegraph Road
 Pontiac, MI 48341

Project 070486.04 Restoration of Metal Utility Steam Tunnel from 32 East to 38 East
 BLANKET ORDER #3237

Sheriff's Admin RCC Steam Tunnel

Professional Services from May 28, 2018 to June 24, 2018

Personnel

		Hours	Rate	Amount
Senior Project Engineer				
Jablonski, Nicholas	5/31/2018	.25	144.00	36.00
Schedule/WO Update				
Jablonski, Nicholas	6/12/2018	.25	144.00	36.00
Report Review Follow-Up				
Project Engineer				
Bogdani, Roland	5/30/2018	.50	121.00	60.50
schedule site visit for punchlist walkthru				
Bogdani, Roland	6/1/2018	2.50	121.00	302.50
on-site punchlist review meeting				
Senior Engineer				
Bresler, Nicholas	6/1/2018	1.50	111.00	166.50
Report writing. Project discussion.				
NDT Technician				
Byule, Christopher	5/29/2018	2.00	93.00	186.00
Site visit for review of full first coat/partial on North Steam Tunnel				
2.0 hrs on site				
Byule, Christopher	5/30/2018	2.00	93.00	186.00
Site visit for review of topcoat, North Steam Tunnel				
1.5 hrs on site				
0.5 start report				
Byule, Christopher	5/31/2018	2.00	93.00	186.00
Weekly report COR#1 began COR#2 including tables and photologs				
Byule, Christopher	6/1/2018	1.00	93.00	93.00
Finish weekly report COR#2				

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2-086

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Carmelo Moyet
Facilities Engineer
Oakland County
1200 North Telegraph Road
Pontiac, MI 48341

August 09, 2018
Invoice No: 87550

Project 070486.04 Restoration of Metal Utility Steam Tunnel from 32 East to 38 East
BLANKET ORDER #3237

Sheriff's Admin RCC Steam Tunnel

Professional Services from June 25, 2018 to July 29, 2018

Personnel

		Hours	Rate	Amount
Senior Project Engineer				
Bogdani, Roland	7/18/2018	1.00	144.00	144.00
review rectifier information, reply to Auch				
Project Engineer				
Bogdani, Roland	6/27/2018	1.00	121.00	121.00
schedule shotcrete panel pickup/PM duties				
Technician II				
Mangum, Joseph	6/27/2018	.25	75.00	18.75
L12				
Smith, Austin	6/27/2018	.25	75.00	18.75
Picking up concrete slab				
Totals		2.50		302.50
Total Labor				302.50

8-17-18
CM OK
WO 630109
CC 14PC141B.7
CCT 29816

Total this Invoice \$302.50

Outstanding Invoices

Number	Date	Balance
84191	4/9/2018	1,781.75
85886	6/13/2018	3,404.00
86794	7/12/2018	1,412.50
Total		6,598.25

All Unpaid Invoices \$6,900.75

OK
8-26-18
8-17-18
CM OK

Thank you for the opportunity to be of service.
Project Manager Roland Bogdani

Fund	41423
Dept	1040105
Program	148020
Account	230352
Oper Unit	24811
Project #	2604
Source Type	00002
Category	29816

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8/8 RQ 315081
PO 311975