



OAKLAND COUNTY BUILDING AUTHORITY

OAKLAND COUNTY EXECUTIVE L. BROOKS PATTERSON

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

AGENDA

WEDNESDAY, March 14, 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 **10**)
 - a) Project Work In Progress, Statement of Fund Balance, Balance Sheet (pages **1** thru **4**) – **Informational**
 - b) Invoice(s) Project (page **5**) – **Committee Action Required**
6. Infrastructure – IT Projects (pages **11** thru **18**)
 - a) Project Work In Progress, Statement of Fund Balance, Balance Sheet (pages **11** thru **13**) – **Informational**
 - b) Invoice(s) for Infrastructure (page **14**) – **Committee Action Required**
7. Other Business
8. Adjourn until next regular meeting on **Wednesday, April 11, 2018**



Facilities Management
PROJECT WORK IN PROGRESS
BA Animal Ctrl Pet Adoption Ct
10000002199
 (as of February 28, 2018)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
BLDCO - Building Construction				
702000 - Salaries		213.03	12,703.25	
730352 - Construction		63,291.93	13,107,894.91	
773535 - Info Tech CLEMIS		0.00	200.59	
777560 - Radio Communications		0.00	3,599.06	
Building Construction TOTALS				
	13,429,604.00	63,504.96	13,124,397.81	\$305,206.19
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		117.09	8,387.90	
Fringe Benefits TOTALS				
	0.00	117.09	8,387.90	(\$8,387.90)
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 February 28, 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		1,390.66	294,545.55	
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	1,390.66	523,998.78	\$166,397.22
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	\$65,012.71	\$14,881,798.81	\$568,201.19
Total Project Revenue			
Account	Month-to-Date Revenue	Life-to-Date Revenue	
655077-Accrued Interest Adjustments	\$487.43	\$24,886.08	
655385-Income from Investments	\$524.89	\$204,054.89	
697551-Issuance of Bonds	\$0.00	\$15,450,000.00	
TOTAL REVENUE	\$1,012.32	\$15,678,940.97	
REVENUE OVER/(UNDER) EXPENSES		\$797,142.16	

County of Oakland
BA Animal Control Pet Adoption
Statement of Fund Balance
For The Five Months Ended February 28, 2018
Fund 41425

Revenues:

Income from Investments	14,263.11
Accrued Interest Adjustments	(2,235.20)
	12,027.91

Expenditures:

Charges Against Project	16,442.13
Subtotal	28,470.04

Operating Transfers In	0.00
Operating Transfers Out	0.00

Fund Balance at Beginning of Year	768,672.12
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Fund Balance at February 28, 2018	\$797,142.16
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**County of Oakland
BA Animal Control Pet Adoption
Balance Sheet
February 28, 2018
Fund 41425**

ASSETS

Cash Operating	773,856.69
Accrued Interest on Investment	24,886.08
	<u>798,742.77</u>

LIABILITIES AND FUND BALANCE

Current Liabilities:

Accounts Payable	0.00
Vouchers Payable	1,600.61
Total Current Liabilities	<u>1,600.61</u>

Fund Balance	<u>797,142.16</u>
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Total Liabilities and Fund Balance	<u><u>798,742.77</u></u>
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From: Holly Conforti, Chief of Fiscal Services
 Facilities Management Accounting *H. Conforti*
 Date: March 14, 2018
 Subject: BA Animal Control Adoption Center Fund 41425 invoices:

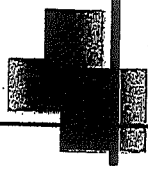
Payable To	Date	Invoice #	WO	Project	Proj #	Activity	Comment	Amount
Great Lakes Data Systems	12/18/2017	INV77154	C-112	BA Animal Control Adoption	1..2199	Owner's Cost		\$7,560.00
Doublejack Electric Co.	2/13/2018	30128	C-112	BA Animal Control Adoption	1..2199	Owner's Cost		\$85.50
Thumb Communications	2/14/2018	22054	C-112	BA Animal Control Adoption	1..2199	Owner's Cost		428.00
Solid Signal	1/31/2018	Pcard	C-112	BA Animal Control Adoption	1..2199	Owner's Cost		214.45
							Total	<u>\$8,287.95</u>

OC Building Authority Jay Shah, Chairperson

BA

RECEIVED
OAKLAND COUNTY
FEB 15 2018
FACILITIES MANAGEMENT
PLANNING & ENGINEERING

INVOICE



Great Lakes Data Systems

20900 W Eight Mile Rd.
Southfield, MI 48075
(248)356-4100 Fax: (248)356-7917

Invoice No: INV77154
Date: 12/18/2017
Account No: Oakland County Animal

Bill To: Oakland County Animal Control
1200 N. Telegraph
Building 42 East
Pontiac, MI 48341

PO # 0000295216

Ship To: Oakland County Animal Control
1200 N. Telegraph
Building 42 East
Pontiac, MI 48341

63600-1080201-152010-750170

Sales Order No	P.O. Number	Ship Method	Payment Terms	Payment Due					
SO2258		Drop Off	Due Upon Receipt	12/18/2017					
Remarks				Sales Person					
				Scott Westbrook					
Item No	Description	Serial No	Order	Ship	BkO	UM	Price	Disc	Amount
Lenovo TS150 Xeon	Lenovo Tower ts150 With Windows 10 and ssd hd and xeon proc 8gig ram	ocis1107171	1.0	1.0	0.0	Each	\$1,950.00		\$1,950.00
226 125181372-04	MMF Cash Drawer		2.0	2.0	0.0	Each	\$275.00		\$550.00
TPG-A760-4205-00 48	TPG Axiohm printer RS232/usb	1sk171000231	1.0	1.0	0.0	Each	\$899.00		\$899.00
tou-ec150-tmpcap 01	Touch Dynamic Touchscreen capacitive usb only	ec150h9e0014	1.0	1.0	0.0	Each	\$525.00		\$525.00
Picture Perfect Software	Picture Perfect Software		1.0	1.0	0.0	Each	\$1,861.00		\$1,861.00
Smart power Line filter/ ups	Smart power Line filter with ups		1.0	1.0	0.0	Each	\$275.00		\$275.00
Setup/Installation	Setup and Installation Fee		1.0	1.0	0.0	Each	\$1,500.00		\$1,500.00
software - win 10 enterprise	software - win 10 enterprise upgrade		1.0	1.0	0.0	Each	\$531.00	100.00%	\$0.00

CHARGE TO:
OWNER'S COSTS:
730352, construction

Fund 41425
Dept 1040105
Program 148020
Account 730352
Oper Unit 24811
Project # 2199
Source Type 00001
Category 58952

Subtotal	\$7,560.00
Discount	\$0.00
Freight	\$0.00
Sales Tax	\$0.00
Invoice Total	\$7,560.00
Balance Due	\$7,560.00

RO 298140
PO 295216

OK'd 2-20-18
OK TO PAY
Wm 2/16/18

4525 on

BA



Doublejack Electric Company, Inc.

Invoice

1221 N. Campbell Road
Royal Oak, Michigan 48067
(248) 543-1982 • Fax (248) 543-3890

Date	Invoice Number
2/13/2018	30128

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OAKLAND COUNTY
FEB 20 2018
FACILITIES MANAGEMENT
PLANNING & ENGINEERING

Sold To
Oakland County
Purchasing Division
Facilities Maintenance & Operations
One Public Works Drive
Waterford, MI 48328

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FEB 20 2018
Oakland County
FM & O

P.O. No.	Terms	Job No.
4525	Net 30 Days	12286

Description	Amount
<p>Work Order PC-112-58952. = ANIMAL SHELTER Labor cost to install power for video equipment at the Paint Shop. Work performed on 2/1/18 - 1 hour @ \$85.50 per hour (Journeyman, Jim M.) POWER FOR ANIMAL SHELTER VEHICLE GATE COMMUNICATION - ANTENAS Fund 41425 Dept 1040105 Program 148020 Account 230352 Oper Unit 24811 Project # 2199 Source Type 00001 Category 58952 2/27 RA 304688</p> <p>CHARGE TO: OWNERS COSTS</p>	85.50

Jim 2/21/18
OK to PAID

Total \$85.50

Thumb Communication Services, Inc.

P.O. Box 679
Lapeer MI 48446
810-664-6646

4620
on

Matte

BA

Invoice

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OAKLAND COUNTY
FEB 21 2018
FACILITIES MANAGEMENT
PLANNING & ENGINEERING

Date	Invoice #
2/14/2018	22054

Bill To

Oakland County FM&O
2100 Pontiac Lake Rd.
Waterford, MI 48328
Contract #4670

Ship To

P.O. Number	Terms	Rep	Ship	Via	F.O.B.	Project
			2/14/2018			

Quantity	Item Code	Description	Price Each	Amount
4	O.C. Supervisory	315353 Animal Control	42.00	168.00
6.5	O.C. FSR	315353 Animal Control	40.00	260.00

Fund 41425
 Dept 1040103
 Program 148020
 Account 730352
 Oper Unit 24811
 Project # 2199
 Source Type 00001
 Category 58952
 2/27 RA 304689
 PO 301770

CABLE (CAT 6) PULLED FROM COMM. CLOSET TO EAST END - BLDG. FOR ANTENNA FOR EAST VEHICLE GATE TECHNOLOGY. CHARGE TO: OWNERS COSTS CONSTRUCTION 730352.

RECEIVED
FEB 21 2018
Oakland County
FM & O

Mjm 2/21/18
OK TO PAY

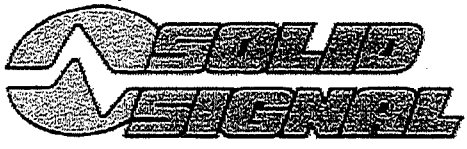
OK 2/22-18

Total \$428.00

30



970-1436268-00



1-877-312-4547
www.solidsignal.com

BILL TO
SHELIA DRAKE
2100 PONTIAC LAKE RD
WATERFORD, MI. 48328

SHIP TO
SHELIA DRAKE (#CO135987)
1200 N. TELEGRAPH RD
BUILDING 49W
PONTIAC, MI. 48341

ORDER INFORMATION
Order Date: 1/11/2018 10:13:32 AM Phone: 248-452-9759 --
Order Number: 1436268 Email: IF.PROCUREMENT@OAKGOV.COM

SUMMARY OF CHARGES
Payment Type: MasterCard Sub Total: \$205.46
Number: XXXXXXXXXXXXX2286 Shipping: \$8.99
Shipping Method: Ground Tax: \$0.00
Order Total: \$214.45

ITEMS SHIPPED
Order item(s) may arrive on separate shipments - Please allow additional time as certain items may only be available in select warehouse locations.

Product ID	Item Description	Item Price	Qty Ordered	Qty Shipped	Total Price
AFHD-4	Pixel AM/FM External Outdoor High Definition Radio Antenna (AFHD-4)	\$84.99	1	1	\$84.99
NPRMAT8	Non-Slip Pitch Pad for Non-Penetrating Roof Mount 37.5 Square (NPRMAT8)	\$22.49	1	1	\$22.49
ORDINS	Checkout - Shipping Insurance	\$1.99	1	1	\$1.99
SKY32816	Solid Signal Non-Penetrating Antenna Roof Mount Base (SKY32816)	\$61.99	1	1	\$61.99
SKY5998	Solid Signal 1.66 OD Galvanized 5 Mast for Satellite Dishes (SKY5998)	\$19.99	1	1	\$19.99
SSCBLQ005	Solid Signal Custom Cable Lengths RG6 Quad Shielded with High Quality Solid-Signal Connectors (5 Feet)	\$0.00	2	2	\$0.00
SSCBLQ050	Solid Signal Quad Shielded RG6 Cable with Connectors 50 Feet (SSCBLQ)	\$18.99	1	1	\$18.99

CO135987
IT/Animal
Control
412
412-10405-148020-930352
1002199

RECEIVED
JAN 16 2018
PC 212

RETURN POLICY
Please contact us at 1-877-312-4547 between 8 a.m. 5 p.m. OR via email at returns@solidsignal.com for an RMA# for a return. DO NOT DISCARD ANY SHIPPING PACKAGING OR INVOICES UNTIL YOU ARE COMPLETELY SATISFIED WITH THE PRODUCTS ON YOUR ORDER! All items must be returned in the shipping package/box that it arrived in. For more information on how to obtain an RMA # for your return, please visit the Returns & Warranties section on www.solidsignal.com.

RMA#

970-1436268-00

SHIP FROM
SHELIA DRAKE (#CO135987)
1200 N. TELEGRAPH RD
BUILDING 49W
PONTIAC, MI. 48341

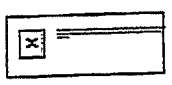
SHIP TO
Returns
Solid Signal
22285 Roethel Dr.
Novi, MI. 48375

Picked By: 59

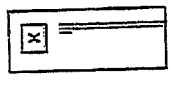
V1239489-411

1-31-18

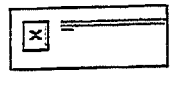
30



\$0.00 2 \$0.00



Solid Signal Non-Penetrating Antenna Roof Mount Base (SKY32816) \$61.99 1 \$61.99



Solid Signal 1.66" OD Galvanized 5' Mast for Satellite Dishes (SKY5998) \$19.99 1 \$19.99

Helpful Links

- [Check Order Status](#)
- [Returns Policy](#)
- [Shipping Policy](#)
- [Payment Terms](#)
- [Contact Solid Signal](#)

Order Subtotal: \$205.46
 Sales Tax: \$0.00
 Shipping: \$8.99

TOTAL: \$214.45

Payment Method: MasterCard

414 25 - 1040105 - 148020 - 730352

If you have any questions please call us at 1-877-312-4547, Canadian Customers please call (248) 896-8587.

Attention DIRECTV Equipment Purchasers:

** All DIRECTV receivers, DVRs, and clients require a valid DIRECTV account number in order to be activated. A Signal Satellite TV representative will contact you to confirm your account number once the order has been processed. This occurs typically within one business day or less. If you already have your account number ready wish to call us before we call/email you, please call us at 877-312-4547 during normal business hours.

Additionally, all DIRECTV receivers, DVRs, and clients may be activated within one business day after confirming DIRECTV account information. Signal Group LLC will activate this equipment using any available source for DIRECTV account information. If you have agreed to a special offer, discounted price, or upgrade, your equipment will be activated in accordance with the timing terms for your specific purchase offer. Activating this equipment will start a 2-year contract with DIRECTV, and payment of this transaction signifies that you agree to this new contract. Inactive equipment can be returned to Solid Signal within 30 days of receipt with an approved RMA.

Lastly, all DIRECTV equipment must be installed by a qualified AT&T/DIRECTV installer. If you are an installer, or hiring an installer, or plan to install yourself, please ensure DIRECTV installation guidelines are explicitly followed.



Facilities Management
PROJECT WORK IN PROGRESS
c141 Sheriff RCCSteamTunnl Ren
10000002604
 (as of February 28, 2018)

	Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
FRINGE_BENEFITS - Fringe Benefits				
722000 - Fringe Benefits		0.00	251.21	
Fringe Benefits TOTALS				
0.00	0.00	0.00	251.21	(\$251.21)
MAT - Storeroom Materials Only				
775754 - Maintenance Department Charges		0.00	181.78	
Storeroom Materials Only TOTALS				
0.00	0.00	0.00	181.78	(\$181.78)
PROJ - Project				
702000 - Salaries		0.00	452.61	
730352 - Construction		258,904.05	1,522,762.21	
Project TOTALS				
2,550,000.00	2,550,000.00	258,904.05	1,523,214.82	\$1,026,785.18

Project 10000002604 - c141 Sheriff RCCSteamTunnl Ren			
Total Project Expenses			
Budget Amount	Month-to-Date Expenses	Life-to-Date Expenses	LTD Variance
\$2,550,000.00	\$258,904.05	\$1,523,647.81	\$1,026,352.19
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			(\$473,647.81)

County of Oakland
BA-FAC Infrastructure-IT Projects
Statement of Fund Balance
For The Five Months Ended February 28, 2018
Fund 41423

Revenues:	
Income from Investments	32,748.65
Accrued Interest Adjustments	(832.47)
	31,916.18
 Expenditures:	
Charges Against Project	(1,247,488.04)
Subtotal	(1,215,571.86)
Reimbursement General	
Operating Transfers In	
Operating Transfers Out	
Fund Balance at Beginning of Year	5,673,515.20
Fund Balance at February 28, 2018	\$4,457,943.34

**County of Oakland
BA-FAC Infrastructure-IT Projects
Balance Sheet
February 28, 2018
Fund 41423**

ASSETS

Cash Operating	\$4,448,134.30
Accrued Interest on Investment	<u>9,809.04</u>
	<u><u>\$4,457,943.34</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>4,457,943.34</u>
Total Liabilities and Fund Balance	<u><u>\$4,457,943.34</u></u>

From: Holly Conforti, Chief of Fiscal Services
Facilities Management Accounting *H. Conforti*

Date: March 14, 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
Doublejack Electric	1/30/2018	30091	C-141	Sheriff RCC Steam Tunnel Ren	1..2604	\$296.25
SME	2/8/2018	83078	C-141	Sheriff RCC Steam Tunnel Ren	1..2604	\$7,733.50
					Total	<u>\$8,029.75</u>

OC Building Authority

Jay Shah, Chairperson

BA



Doublejack Electric Company, Inc.

1221 N. Campbell Road
Royal Oak, Michigan 48067
(248) 543-1982 • Fax (248) 543-3890

Invoice

Date	Invoice Number
1/30/2018	30091

4525 on

RECEIVED
OAKLAND COUNTY
FEB 13 2018
FACILITIES MANAGEMENT
PLANNING & ENGINEERING

Sold To
Oakland County
Purchasing Division
Facilities Maintenance & Operations
One Public Works Drive
Waterford, MI 48328

RECEIVED
FEB 09 2018
Oakland County
FM & O

12-086

P.O. No.	Terms	Job No.
4525	Net 30 Days	12270

Description	Amount
<p>AA 2-9-18</p> <p>Work Order PC141-29816</p> <p>Labor to install switch in Switchgear Sheriff Admin/RCC Tunnel Project</p> <p>Work performed on 12/21/17 - 2.5 hours @ \$118.50 per hour (Journeyman, Jim M.)</p> <p>Fund <u>41423</u></p> <p>Dept <u>1040105</u></p> <p>Program <u>198020</u></p> <p>Account <u>730352</u></p> <p>Oper Unit <u>24811</u></p> <p>Project # <u>2604</u></p> <p>Source Type <u>00002</u></p> <p>Category <u>29816</u></p> <p>2/27 RQ 304690</p> <p>PO 301765</p> <p>OK DJ</p> <p>2-27-18</p> <p>2-15-18</p> <p>CM OK</p> <p>WO 630109</p> <p>CC 14PC141BA</p> <p>Cat 29816</p> <p>OK DJ</p> <p>2.20.18</p>	296.25

Total \$296.25

2-15-18
CM OK

SME

BA

Project	070486.04	Restoration of metal utility steam			Invoice	83078
Vorhies, Joshua	1/17/2018	.25	93.00		23.25	
meet with nick b and discuss the meeting he attended and a potential site visit next week for weld review						
Senior Administrative Assistant						
Michael, Melessa	12/27/2017	.50	80.00		40.00	
Michael, Melessa	12/29/2017	.50	80.00		40.00	
Michael, Melessa	12/29/2017	.50	80.00		40.00	
Pay Application						
Michael, Melessa	1/3/2018	.50	80.00		40.00	
Michael, Melessa	1/5/2018	.50	80.00		40.00	
Michael, Melessa	1/8/2018	.25	80.00		20.00	
Admin Work						
Michael, Melessa	1/12/2018	.50	80.00		40.00	
Michael, Melessa	1/18/2018	.50	80.00		40.00	
Michael, Melessa	1/22/2018	.50	80.00		40.00	
Admin WORK						
Michael, Melessa	1/24/2018	.50	80.00		40.00	
Admin WORK						
Michael, Melessa	1/25/2018	.50	80.00		40.00	
Admin WORK						
Administrative Assistant						
DeBeliso, Tracey	1/15/2018	.25	80.00		20.00	
Outstanding rpt						
DeBeliso, Tracey	1/19/2018	.25	80.00		20.00	
Outstanding rpt						
DeBeliso, Tracey	1/22/2018	.25	80.00		20.00	
Outstanding rpt						
Totals		71.50			7,733.50	

12-086

2-15-18
CM OK

WO 630109
CC 14PC141BA
Cat 29816

Total Labor

7,733.50

Total this Invoice

\$7,733.50

Outstanding Invoices

Number	Date	Balance
82882	1/23/2018	5,501.25
Total		5,501.25

2-15-18
CM OK

OK'd
2-20-18

All Unpaid Invoices

\$13,234.75

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
 2/27 RA304692

OK'd
2-27-18

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.

SME

Project	070486.04	Restoration of metal utility steam	Invoice	83078
Staff Engineer				
Bresler, Nicholas	1/3/2018	4.00	111.00	444.00
On site for bi-weekly coordination meeting. Reviewed on-going repairs in the tunnel.				
Bresler, Nicholas	1/4/2018	1.00	111.00	111.00
Project discussion / coordination.				
Bresler, Nicholas	1/10/2018	3.00	111.00	333.00
Project discussion/coordination. Worked on updating project drawings.				
Bresler, Nicholas	1/15/2018	4.00	111.00	444.00
Updating project drawings to as-built conditions.				
Bresler, Nicholas	1/16/2018	1.00	111.00	111.00
Updating project drawings to as-built conditions.				
Bresler, Nicholas	1/17/2018	5.00	111.00	555.00
On site for bi-weekly coordination meeting. Walkthrough of south and north tunnels. Project discussion. Continued updating project drawings.				
Bresler, Nicholas	1/18/2018	8.00	111.00	888.00
Designed and sketched detail for overhead nested repair. Updating project drawings to as-built conditions.				
Bresler, Nicholas	1/22/2018	4.50	111.00	499.50
Project discussion / coordination. Worked on updating project drawings to as-built conditions.				
Bresler, Nicholas	1/23/2018	2.00	111.00	222.00
Worked with CAD on updating project drawings.				
Bresler, Nicholas	1/25/2018	2.50	111.00	277.50
On site to layout overhead repairs in south tunnel and review condition of north tunnel after floor demo.				
Materials Specialist				
Vorhies, Joshua	1/3/2018	3.25	93.00	302.25
prep-pull report and print for meeting, on-site meeting, walk through tunnel and check on progress and discussion with team members on site, discussions with AUCH and RAM after walkthrough				
Vorhies, Joshua	1/5/2018	.75	93.00	69.75
meeting with Roland- discussed my previous visit and our planned visit for the following week				
Vorhies, Joshua	1/10/2018	2.25	93.00	209.25
on site meet with Auch, site review of welded plates and angles, walkthrough with Jeff - site super with RAM - discussed condition of welds, expectations/requirements and repairs, meet with Auch before leaving				
Vorhies, Joshua	1/12/2018	1.00	93.00	93.00
report				
Vorhies, Joshua	1/15/2018	.50	93.00	46.50
reviewing/editing report FOR2 with Roland and nick, request for site visit the following day, project discussion				
Vorhies, Joshua	1/16/2018	3.50	93.00	325.50
Review of welds, marked up welds that required repair, discussed deficient welds with RAM and requested repair work, waited for repairs to be made since they planned on covering the welds today or the following day				

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Retainers received will be applied to the final invoice.

Page 2



4996
JM

43980 Plymouth Oaks Blvd.
Plymouth, MI 48170-2584
Phone: 734-454-9900 Fax: 734-454-7685

INVOICE

Remit to:
SME
P.O. Box 673166
Detroit, MI 48267-3166

122086

RECEIVED
FEB 13 2018
Oakland County
FM & O

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

February 08, 2018
Invoice No: 83078

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 December 25, 2017 to January 28, 2018

Personnel

		Hours	Rate	Amount
Project Engineer				
Bogdani, Roland	1/8/2018	1.00	121.00	121.00
shotcrete accelerators (discuss with Auch)				
Bogdani, Roland	1/10/2018	4.00	121.00	484.00
on-site review of welds and other constructed items				
Bogdani, Roland	1/11/2018	1.00	121.00	121.00
Submittals				
Bogdani, Roland	1/15/2018	1.00	121.00	121.00
review report				
Bogdani, Roland	1/16/2018	4.00	121.00	484.00
site visit for pre-shotcrete review, welding review				
Bogdani, Roland	1/18/2018	2.00	121.00	242.00
Alternate overhead detail				
Bogdani, Roland	1/19/2018	2.00	121.00	242.00
site visit to review shotcrete operations				
Bogdani, Roland	1/25/2018	2.00	121.00	242.00
on-site walkthrough				
Jablonski, Nicholas	1/2/2018	.25	121.00	30.25
Schedule/WO				
Jablonski, Nicholas	1/3/2018	.25	121.00	30.25
Tunnel Welding Concerns with Josh and Nick				
Jablonski, Nicholas	1/4/2018	.25	121.00	30.25
Schedule/WO				
Jablonski, Nicholas	1/5/2018	.25	121.00	30.25
Tunnel Welding Concerns with Josh and Roland				
Jablonski, Nicholas	1/15/2018	.75	121.00	90.75
Project Discussions with Roland /Josh, Report Review and Schedule/WO				
Jablonski, Nicholas	1/22/2018	.25	121.00	30.25
Schedule/WO				

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