

**Maumee Watershed Conservancy District
Hancock County Flood Diversion**

MONTHLY PROGRESS REPORT #18

FOR STANTEC CONSULTING SERVICES INC.

Period Covered:

3-March-2018 thru 30-March-2018

Submitted by:

**Stantec Consulting Services Inc.
4540 Heatherdowns Boulevard, Suite A
Toledo, Ohio 43614**

**Telephone: (419) 380-8910
Fax: (419) 380-8920**

I. Invoice Summary and Project Financial Status

- Invoice Number 1340853 totaling \$8,484.09, for the authorized Supplemental Services related to field investigations for permitting and processing aerial survey (Han. Co. PO No. 01608968), is submitted for consideration. This invoice includes time and expenses applied by Stantec staff as well as subconsultant invoices from Bockrath & Associates (\$3,500.00) and The Mannik & Smith Group Inc. (\$1,144.12).
- A second invoice, Invoice 1340854 totaling \$1,200.00 for the preliminary engineering and Section 106 consultation related to the proposed Hydraulic Improvements (Han. Co. PO No. 01703439), is submitted for consideration. This invoice includes a subconsultant invoice from Bockrath & Associates (\$1,200.00).
- A third invoice, Invoice 1340855 totaling \$27,284.27 for tasks associated with the detailed design and agency coordination for the Hydraulic Improvements (Han. Co. PO No. 01705464), is submitted for consideration. This invoice includes time and expenses applied by Stantec staff as well as a subconsultant invoice from Hart Associates, Inc. (\$793.73).
- A fourth invoice, Invoice 1340856 totaling \$35,460.54 for tasks associated with the Proof of Concept Update (Han. Co. PO No. 01707430), is submitted for consideration. This invoice includes time and expenses applied by Stantec staff as well as subconsultant invoices from Applied Weather Associates (\$9,800.00), Bockrath & Associates (\$5,000.00), and Jack Faucett Associates, Inc. (\$5,020.00).
- To-date approximately 95.5% of the total authorized funds for the Program have been invoiced.

II. Major Issues and Decisions

Permitting

- Continued coordination with The Mannik & Smith Group (MSG) for permitting consultation with OHPO related to the Hydraulic Improvements. Comments received to-date have been minor and MSG has provided responses in a timely manner. OHPO has not provided comments to USACE for Section 106 Consultation.
- The 401 Water Quality Certification (WQC) application packet has been submitted to the Ohio EPA and we have coordinated several specific elements with the Agency, including the revised application fees. Based upon conversations with OEPA staff, we anticipate that the 401 WQC Public Notice will be provided the week of April 9th for advertisement. The Public notice will require publication in a local paper at the cost of project. Based upon the delay in completing the 401 Public Notice, the local public hearing cannot occur until mid-May at the earliest.
- The public notice period for the USACE 404 Permit is closed. This is a key project milestone.
- We have continued to coordinate the draft Rule 27-13 Application for the Brandman Site. Review comments and responses have been coordinated with the OEPA as we advance toward a final application packet. The final packet should be presented to the OEPA by April 30th.
- The draft Stormwater Pollution Prevention Plan (SWP3) for the Hydraulic Improvements has been accepted by the OEPA and will be included within the final design package and formal Rule 13 submission.
- An Ohio EPA Permit to Install (PTI) will also be required for the proposed sanitary sewer replacements at the project site. Stantec staff have been working with the City of Findlay to ensure a complete understanding of the City's needs and will be submitting the PTI application once the plans have been refined. We anticipate completing the detailed design for these improvements and submitting the draft PTI application form and permit fee estimate to the District in late April.

Aerial & Ground-Based Survey

- Survey is complete for the current tasks.

Hydraulic Improvements Preliminary & Final Engineering

- Continued coordination with MWCD staff regarding proposed impacts to the existing AEP transmission system through Swale Park. Stantec staff have reviewed potential options and impacts. MWCD staff are continuing conversations regarding a possible resolution.
- Stantec staff continued design refinement for the proposed 95% design package of the Hydraulic Improvements Phase 1 efforts and are targeting a deliverable by mid-May.
- Design elements impacted by the permitting review comments received thus far are being modified to reflect the review agency requirements.
- Continued contact with the Norfolk-Southern RR (NS) regarding recommended bridge modifications. Additional follow-up will be on-going for the next several months to obtain an estimate for the cost of the anticipated cooperative agreement with NS.
- The tree clearing contract is substantially complete. We have been working with the contractor to finalize punch list items for the nominal restoration required to stabilize the disturbed areas and minimize opportunity for erosion. A pay request for the efforts to-date is in development and will be provided to the District once finalized.

Proof of Concept Update

- Jack Faucett Associates (JFA) has continued update and revision of property and structure impact estimates. New data resulting from the improved aerial survey have been provided and they are editing the structure inventory to reflect properties that have been acquired. Water surface profiles for existing and future conditions have been provided to JFA for processing and final set up of the HEC-FDA model.
- Updates to the hydrology model are progressing for screening of alternative solutions and "cost curves" for comparison of refined conceptual solutions. Draft refined concepts should be available for review with MWCD staff in April. Numerous iterations and combinations of improvements have been reviewed.
- MSG and Stantec staff have assembled information related to permitting expectations related to potential project sites.
- Geotechnical report has been finalized. Began preparing an outline of proposed summary report document.

Public Information & Outreach

- Continued coordination with HART for the addition of documents to Program webpage (www.HancockCountyFlooding.com) to reflect the addition of program-related documents.
- Continued general monitoring of local media and public relations information.
- As noted under the Permitting summary above, as local public hearing for the 401 WQC will occur yet this Spring.

III. Schedule

Task	Proposed Timeline	Current Status	Anticipated Timeline
A. & B. Proof of Concept Report		Complete	
C – Supplemental #1			
C.1 – Wetland Delineation & Habitat Assessment	1/31/2017	Field Work and Report Complete for Diversion Channel ~ On Hold	N/A
C.2 – Archaeological Survey	1/31/2017	Field Work and Report for Diversion Channel Complete for areas East of I75 ~ On Hold	N/A
C.3 – Aerial Surveying	12/31/2016	Aerial Imagery Complete; Additional processing for the watershed area is currently underway	N/A
D – Hydraulic Improvements (Preliminary Design)			
D.1 – Site Assessment & Survey	7/31/2017	Complete	N/A
D.2 – Cultural and Historic Resources	12/31/2017	Coordination with SHPO, USACE and OEPA On-Going; Field work for archaeological survey completed; Report submitted to OHPO	5/31/2018 (delayed due to OHPO)
D.3 – Program Management	On-Going	On-Going	On-Going
E – Hydraulic Improvements (Final Design)			
E.1 – Site Assessment & Survey	9/22/2017	Coordination with OEPA on-going; All results being incorporated into the 95% design package	N/A
E.2 – Preliminary Design Report	10/6/2017	Final report submitted on October 30 th	N/A
E.3 – Detailed Design	3/23/2018	Design iterations generally completed; Utility coordination on-going; Grading plans and property impacts nearing completion; Permit comments will likely impact detailed design completion.	5/15/2018 (95% design delayed due to utility and permit coordination)
E.4 – NSRR Coordination	1/12/2018	Concept plan provided to NS, awaiting reply; Follow-up on-going	12/31/2018 (this effort will be prolonged due to lack of response from NS)

Task	Proposed Timeline	Current Status	Anticipated Timeline
E.5 – Permitting	9/30/2018	401/404 permit submitted; Coordination with USACE, OEPA, ODNR and USFWS on-going; Final development of Rule 27-13 permit application package underway; 404 public notice period complete; 401 public notice anticipated in mid-April; PTI for sanitary sewers in May	9/30/2018
E.6 – Program Management	On-Going	Efforts are On-Going	On-Going
F – Proof of Concept Update			
F.1 – H&H Model Simulations	4/30/2018	Revised H&H basis report finalized and submitted; Continuing additional review; AWA in data provided for July 2017 event and hydrology model is calibrated	4/30/2018
F.2 – Data Collection	2/28/2018	LiDAR data processing complete; Soil borings complete; Desktop review of available environmental and cultural resource documents underway and nearly complete	4/30/2018
F.3 – Concept Refinement	2/28/2018	Concept refinement is continuing; Modified concepts have been screened through the hydrology model and will need confirmation through the hydraulic model	5/31/2018 (delayed due to time required to complete hydrology model)
F.4 – Updated Economic Analysis	4/30/2018	Updating impacted parcel listing based upon recent purchases; Updating cost and benefit curves based upon current indices	5/31/2018
F.5 – Report Preparation	6/30/2018	Minimal activity to develop outline.	6/30/2018
F.6 – Program Management	On-Going	On-Going	On-Going

Please contact us should you have any questions or comments. Thank you for the opportunity to be of service.

Respectfully Submitted

STANTEC CONSULTING SERVICES INC.



Adam C. Hoff, P.E.

Principal

Tel: (419) 380-8910

Fax: (419) 380-8920

adam.hoff@stantec.com

APPROVAL OF PAYMENT:

On behalf of the Maumee Watershed Conservancy District and in accordance with the Memorandum of Agreement, I hereby recommend payment in favor of Stantec Consulting Services Inc. by the Hancock County Commissioners in the amount of

\$ 72,428.90.

Clark Lynn Army, General Manager

Date

Invoice Number	1340853
Invoice Date	April 6, 2018
Purchase Order	174316204
Customer Number	140260
Project Number	174316204

Bill To

Maumee Watershed Conservancy District
Steve Wilson, Project Manager
1464 Pinehurst Drive
Defiance OH 43512
United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
13980 Collections Center Drive
Chicago IL 60693
United States

Project	Hancock County Flood Diversion - Phase II Work Plan - Proof of Concept		
Project Manager	Hoff, Adam C	Contract Upset	2,875,275.00
Current Invoice Total (USD)	8,484.09	Amount Billed to Date	2,681,074.05
		For Period Ending	March 30, 2018

Top Task 401 Supplemental Task 1
Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Price, Taylor Alexis	1.00	108.00	108.00
Bolliger, Richard F	7.00	144.00	1,008.00
Dalton, Derek D	12.00	151.00	1,812.00
Fleece, William C (Cody)	2.00	151.00	302.00
Hoff, Adam C	1.50	180.00	270.00
Subtotal Professional Services	<u>23.50</u>		<u>3,500.00</u>

Disbursements

Direct Expense	339.97
Subtotal Disbursements	<u>339.97</u>

Subconsultants

The Mannik & Smith Group	1,144.12
Bockrath & Associates	3,500.00
Subtotal Subconsultants	<u>4,644.12</u>

Top Task Subtotal	Supplemental Task 1	8,484.09
Total Fees & Disbursements		<u>8,484.09</u>
INVOICE TOTAL (USD)		8,484.09

Due on Receipt

Invoice Number	1340854
Invoice Date	April 6, 2018
Purchase Order	174316204
Customer Number	140260
Project Number	174316204

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Steve Wilson, Project Manager
1464 Pinehurst Drive
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13980 Collections Center Drive
Chicago IL 60693
United States

Project	Hancock County Flood Diversion - Phase II Work Plan - Proof of Concept		
Project Manager	Hoff, Adam C	Contract Upset	2,875,275.00
Current Invoice Total (USD)	1,200.00	Amount Billed to Date	2,682,274.05
		For Period Ending	March 30, 2018

Top Task	402	Hyd. Imps. Ph 1	
Subconsultants			
		Bockrath & Associates	1,200.00
		Subtotal Subconsultants	<u>1,200.00</u>
Top Task Subtotal	Hyd. Imps. Ph 1		1,200.00
		Total Fees & Disbursements	<u>1,200.00</u>
		INVOICE TOTAL (USD)	1,200.00

Due on Receipt

Invoice Number	1340855
Invoice Date	April 6, 2018
Purchase Order	174316204
Customer Number	140260
Project Number	174316204

Bill To

Maumee Watershed Conservancy District
Steve Wilson, Project Manager
1464 Pinehurst Drive
Defiance OH 43512
United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
13980 Collections Center Drive
Chicago IL 60693
United States

Project	Hancock County Flood Diversion - Phase II Work Plan - Proof of Concept		
Project Manager	Hoff, Adam C	Contract Upset	2,875,275.00
Current Invoice Total (USD)	27,284.27	Amount Billed to Date	2,709,558.32
		For Period Ending	March 30, 2018

Top Task 403 Hydraulic Improvements Design
Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Johns, Curtis W	79.50	87.00	6,916.50
Taylor, Trana L	2.00	87.00	174.00
Price, Taylor Alexis	40.00	108.00	4,320.00
Gray, Michelle M (Shelly)	47.75	115.00	5,491.25
Scheibly, Jonathan F	1.50	129.00	193.50
Hoffman, Daniel E	2.00	137.00	274.00
Dalton, Derek D	36.00	151.00	5,436.00
Fleece, William C (Cody)	4.50	151.00	679.50
Serazin, Hallie J	7.00	151.00	1,057.00
Hoff, Adam C	9.50	180.00	1,710.00
Subtotal Professional Services	<u>229.75</u>		<u>26,251.75</u>

Disbursements

Direct Expense	238.79
Subtotal Disbursements	<u>238.79</u>

Subconsultants

Hart Associates, Inc.	793.73
Subtotal Subconsultants	<u>793.73</u>

Top Task Subtotal	Hydraulic Improvements Design	27,284.27
Total Fees & Disbursements		<u>27,284.27</u>
INVOICE TOTAL (USD)		27,284.27

Invoice Number	1340855
Invoice Date	April 6, 2018
Purchase Order	174316204
Customer Number	140260
Project Number	174316204

Due on Receipt

Invoice Number	1340856
Invoice Date	April 6, 2018
Purchase Order	174316204
Customer Number	140260
Project Number	174316204

Bill To

Maumee Watershed Conservancy District
Steve Wilson, Project Manager
1464 Pinehurst Drive
Defiance OH 43512
United States

Please Remit To

Stantec Consulting Services Inc. (SCSI)
13980 Collections Center Drive
Chicago IL 60693
United States

Project	Hancock County Flood Diversion - Phase II Work Plan - Proof of Concept		
Project Manager	Hoff, Adam C	Contract Upset	2,875,275.00
Current Invoice Total (USD)	35,460.54	Amount Billed to Date	2,745,018.86
		For Period Ending	March 30, 2018

Top Task	404	POC Update		
<u>Professional Services</u>				
Category/Employee		Current Hours	Rate	Current Amount
	Sprague, Adam Carl	21.00	115.00	2,415.00
	Durham, Paul J	3.50	129.00	451.50
	Blakley, Kyle R	0.25	137.00	34.25
	Hayson, David T	82.25	137.00	11,268.25
	Hoffman, Daniel E	4.00	137.00	548.00
	Shadix, Steven N (Steve)	1.00	156.00	156.00
	Hoff, Adam C	3.00	180.00	540.00
	Subtotal Professional Services	<u>115.00</u>		<u>15,413.00</u>

Disbursements

Direct Expense	227.54
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Subtotal Disbursements

227.54

Subconsultants

Applied Weather Associates	9,800.00
Jack Faucett Associates, Inc.	5,020.00
Bockrath & Associates	5,000.00
Subtotal Subconsultants	19,820.00

Top Task Subtotal	POC Update	35,460.54
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Total Fees & Disbursements
INVOICE TOTAL (USD)

35,460.54

35,460.54

Invoice Number	1340856
Invoice Date	April 6, 2018
Purchase Order	174316204
Customer Number	140260
Project Number	174316204

Due on Receipt

Coder: Trana Taylor



INVOICE #7222-6

PO Box 175
Monument, CO 80132
(719) 488-4311

<http://www.appliedweatherassociates.com>

December 6, 2017

The following information reflects the costs for direct labor expended complete the precipitation analysis for model calibration/validation for the Hancock County Flood Diversion. This work is under STANTEC Project Number 174316204, change order 01.

Labor

Chief Meteorologist and Project Manager

Mr. Bill Kappel	39.2 hours @ \$ 250/hr	\$ 9,800
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Senior Hydrometeorologist

Mr. Doug Hultstrand	0 hours @ \$ 176/hr	\$ 0
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Staff Meteorologist

Mrs. Kristi Steinhilber	0 hours @ \$ 95/hr	\$ 0
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Total Cost (Labor and ODCs)

\$ 9,800

Payment should be made to:

Applied Weather Associates, LLC

P.O. Box 175

Monument, CO 80132



PO Box 175
Monument, CO 80132
(719) 488-4311

<http://www.appliedweatherassociates.com>

December 6, 2017

STANTEC Consulting Services
Attention: Adam Hoff
4540 Heatherdowns Blvd
Suite A
Toledo, OH 43614

Dear Adam,

Applied Weather Associates has completed the SPAS rainfall analysis of the July 2017 storm for model calibration and validation. AWA supplied the gridded rainfall data to Stantec during November. This work is for the Eagle Creek watershed and the Hancock County Flood Diversion. This work is under STANTEC Project Number 174316204 and is change order 02.

Attached is our invoice representing the work completed.

Thank you for the opportunity to work on this project with STANTEC. Please direct any questions you have to me via phone or e-mail.

Sincerely,

Bill Kappel, President/Chief Meteorologist
billkappel@appliedweatherassociates.com, 719-488-4311
Atch: AWA Invoice #7222-6



Coder: Trana Taylor

BILL TO

Stantec Consulting Services
Inc.
4540 Heatherdowns Boulevard
Suite A
Toledo OH 43614-3100 US

INVOICE # 15154

DATE 03/09/2018

DUE DATE 04/08/2018

TERMS Net 30

ACTIVITY	AMOUNT
Billable Time	
Surveying-Drawing-GB	52.50
Surveying-Drawing-GB	105.00
Surveying-Drawing-GB	210.00
Surveying-Drawing-TP	175.00
Surveying-Drawing-GB	52.50
Surveying-Drawing-GB	105.00
Surveying-Drawing-TP	62.50
Surveying-Review-GB	52.50
Surveying-Drawing-GB	105.00
Surveying-Field-IL/ZL	118.75
Surveying-Field-JK	475.00
Surveying-Review-GB	52.50
Surveying-Review-GB	105.00
Surveying-Drawing-GB	52.50
Surveying-Drawing-GB	157.50
Surveying-Field-IL/ZL	237.50
Surveying-Field-JK	950.00
Surveying-Drawing-GB	210.00
Surveying-Drawing-TP	162.50
Surveying-Field-JK	500.00
Surveying-Field-IL/ZL	125.00
Surveying-Drawing-GB	105.00
Surveying-Review-GB	52.50
Surveying-Drawing-GB	105.00

Interest 1.5% per month or 18% per year
Credit Cards Accepted

PHONE (419) 523-5789
WWW.BOCKRATH-ES.COM

ACTIVITY	AMOUNT
Surveying-Review-GB	46.25
Surveying-Drawing-GB	75.00
Surveying-Review-GB	37.50
Surveying-Review-GB	75.00
Surveying-Review-GB	37.50
Surveying-Drawing-GB	75.00
Surveying-Drawing-GB	37.50
Surveying-Review-GB	0.00
Surveying-Drawing-GB	75.00
Surveying-Field-JK	906.25
Surveying-Drawing-GB	37.50
Surveying-Field-JK	343.75
Surveying-Drawing-GB	112.50
Surveying-Field-JK	1,187.50
Surveying-Review-GB	37.50
Surveying-Drawing-GB	37.50
Surveying-Drawing-GB	75.00
Surveying-Field-JK	350.00
Surveying-Review-GB	37.50
Surveying-Field-JK	825.00
Surveying-Drawing-GB	75.00
Surveying-Field-JK	850.00
Surveying-Review-GB	37.50

Hancock County Flood Mitigation	BALANCE DUE	\$9,700.00
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\$1,200 Performance R & D Easement & Path
Staking

\$3,500 Tree Clearing Staking

\$5000 Survey soil boring as-built locations
(area South of Findlay in future phase)
Prepare Findlay Cartage, Performance RD,
McCracken and Stites easement drawings and
six easement descriptions
Set 16 additional elevation benchmarks and
run levels to be referenced on construction
plans.

Interest 1.5% per month or 18% per year
Credit Cards Accepted

PHONE (419) 523-5789
WWW.BOCKRATH-ES.COM

Jack Faucett Associates

4915 Saint Elmo Avenue, Suite 205
 Bethesda, Maryland 20814
 Phone (301) 961-8800 Fax (301) 469-3001 TIN:52-0787743

INVOICE

Date: March 13, 2018

Client: Stantec
 11687 Lebanon Road,
 Cincinnati, Ohio 45241-2012
 Attn: David Haysen
 Email: David.Haysen@stantec.com
 Tel: (513) 842-8214

Contract: Hancock County Flood Risk Reduction, Findlay, Ohio

Contract #: Letter Agreement 9/12/2016
 Change Order #1, 12/1/2016
 Change Order #4, 10/16/2017

Invoice Period: Feb-18

JFA Project No.: 783-1&2

Invoice No.: 13

Total Budget:

\$27,500.00	Phase I	
\$100,000.00	Phase II	Change Order #1
\$12,600.00	Modification	Change Order #2
\$5,000.00	Modification	Change Order #3
\$74,570.00	Modification	Change Order #4
<u>\$219,670.00</u>	Total NTE	

Item #	Staff	This Period	Rate	Current Amount Due	Cumulative Amount Billed
1	Michael Lawrence	2	\$ 230.00	\$460.00	\$37,950.00
2	Jon Skolnik	6	\$ 200.00	\$1,200.00	\$64,000.00
3	RA - Ira Silvergielt & Mathies Wahner	28	\$ 120.00	\$3,360.00	\$69,240.00
4	Data Analyst - Alan Hachey		\$ 150.00	\$0.00	\$0.00
	Misc Costs	Implan Model			\$1,470.00
	Totals			\$5,020.00	\$187,360.00
TOTAL AMOUNT DUE				\$5,020.00	

Balance Unbilled \$32,310.00

Please Remit To:

Note New Address and Banking Information, phone & email unchanged.

Electronic (Preferred Method):

Capital One Bank
 ABA # 065000090
 A/C # 1360659999

Mail: Accounts Receivable
 Jack Faucett Associates, Inc.
 4915 Saint Elmo Ave, #205
 Bethesda, Maryland 20814

Contact:

Michael F. Lawrence, Project Officer
 Tel: 301-961-8835
 Email: lawrence@jfaucett.com



1915 INDIAN WOOD CIRCLE
MAUMEE OH 43537
419.893.9600
WWW.HARTINC.COM

INVOICE

Stantec
Adam Hoff
4540 Heatherdowns Blvd.
Suite A
Toledo, OH 43614

DATE: March 27, 2018
CLIENT: Stantec
Invoice G1477

Findlay Flood Risk Reduction	BUDGET	HRS.	RATE	CURRENT INVOICE	INVOICE TO DATE	% COMPLETE
Public Relations Direction Contact		1.5	\$150.00	\$ 225.00		
Public Relations Coordination		5.5	\$90.00	\$ 495.00		
Digital Project Coordination		0.5	\$90.00	\$ 45.00		
Quality Assurance		0.25	\$95.00	\$ 23.75		
Sales Tax				\$ 4.98		
	45,865.00			\$ 793.73	\$ 40,413.42	88%
Amount Due				\$ 793.73		

Terms: NET 30



Stantec Consulting
March 27, 2018

Hart Status Report: February 28 – March 26, 2018

Project Management

- 2018 public relations planning

Initial Webpage

- File upload

Media Reporting

- Monitor news media
- Prepare media report

Invoice



1800 Indian Wood Circle
Maumee, Ohio 43537
Tel: (419) 891-2222
Fax: (419) 891-6976

March 06, 2018

Project No: S3410003

Invoice No: MJ0011

Adam Hoff
Principal
Stantec Consulting Services, Inc.
4540 Heatherdowns Blvd.
Suite A
Toledo, OH 43614

Project S3410003 CR Studies, Blanchard River Flood Mitiga

Authorization: Signed Agreement; Change Order #02, Direction from Adam Hoff via email

Work Description: See attached work detail.

Professional Services thru February 23, 2018

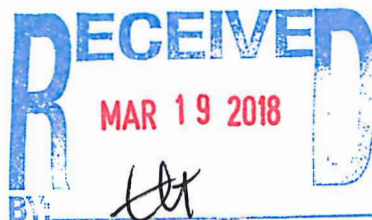
Professional Personnel

	Hours	Rate	Amount
Administrative Assistant II			
Braxton, Karen	.75	45.00	33.75
Cultural Resource Specialist II			
Bauschard, Phillip	1.75	56.00	98.00
Cultural Resource Specialist III			
Hayfield, Kate	6.00	65.00	390.00
Hershberger, Daniel	3.00	65.00	195.00
Cultural Resource Specialist IV			
Chidester, Robert	2.25	77.00	173.25
Cultural Resource Specialist VI			
Johnson, Maura	2.25	109.00	245.25
Totals	16.00		1,135.25
Total Labor			1,135.25

Reimbursable Expenses

Other Supplies & Expense	8.87
Total Reimbursables	8.87

Budget	Current	Prior	To-Date
Total Billings	1,144.12	45,201.72	46,345.84
Budget			46,347.00
Remaining			1.16
Total this Invoice			\$1,144.12



Stantec: Phase I Hydraulic Improvements



MSG WORK DETAIL: JANUARY 26 – FEBRUARY 23, 2018

INVOICE NO.: MJ0011

- Project management – General project/budget/staff oversight. Forward PPT materials and questions/answers from public meeting to SHPO.
- Archaeology survey – Photograph select artifacts. Finalize OAI forms.
- Architecture survey – Prepare OHI form for railroad bridge.
- Report – Finalize and submit Part I report. Draft text, figures and mapping for Phase II report.
- Brownfield/Environmental – Discuss Rule 13 and solid waste findings with Client.
- Literature review – Contact library for local history sources.