

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

***MONTHLY PROGRESS REPORT #29***

***FOR STANTEC CONSULTING SERVICES INC.***

**Period Covered:**

**6-April-2019 thru 10-May-2019**

**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 1512658 totaling \$58,610.63 for tasks associated with the Hydraulic Improvements Construction Phase Services (Han. Co. PO No. 1803992), is submitted for consideration. This invoice includes time and expenses applied by Stantec as well as subconsultant invoices from Hoff Consulting Services, LLC (\$1,940.90), TTL Associates, Inc. (\$28,480.48) and Hart Associates, Inc. (\$2,512.50).
- Invoice 1512659 totaling \$12,574.50 for tasks associated with the Additional Blanchard River Hydraulic Improvements (Additional Benching) (Han. Co. PO No. 1903043) is submitted for consideration. This invoice includes time applied by Stantec.
- To-date approximately 90.6% of the total authorized funds for the Program have been invoiced.

## **II. Progress Update, Major Issues and Decisions**

### **Proof of Concept Update**

- The Draft Proof of Concept Update report is complete.

### **Hydraulic Improvement Construction Phase Services:**

#### **Bidding Phase Services**

- This work is complete.

#### **Construction Engineering Services.**

- Submittals;
  - This period there were 2 pending submittals at the start, 3 submittals were received, 4 were reviewed and returned and 1 was pending at the end of the period.
- RFIs;
  - This period there were 0 RFIs pending at the start, 5 RFIs were received, 5 RFIs were reviewed and returned and 0 were pending at the end of the period.
- Change Proposals;
  - This period there were 0 change proposals pending at the start, 1 change proposal was received, 0 change proposals were reviewed and returned and 1 was pending at the end of the period.
- Progress Meetings and Site Visits;
  - A progress meeting was held at the project site on 4/30/19 and two site visits performed for CE Services.

#### **RPR Services**

- RPR services are on-going.
- TTL Associates has completed their full-time RPR services as the mass excavation in Zone 1 is complete. TTL will remain on-call as-needed if additional PCM is discovered at the site.
- Stantec will provide part-time RPR service on-site during the remaining excavation work and in-stream work.
- Nine site visits were performed for RPR services.

#### **Mussel Survey and Relocation**

- This work is complete.

#### **LOMR**

- A Letter of Map Revision (LOMR) will be completed following completion of Hydraulic Improvements construction.

### **Public Information & Outreach**

- This work is on-going.
- Continued coordination with HART for the addition of documents to Program webpage ([www.HancockCountyFlooding.com](http://www.HancockCountyFlooding.com)) to reflect the addition of program-related documents.
- Continued general monitoring of local media and public relations information.
- The new website is live and is being updated regularly.
- Additional drone videos were posted to the website this period.

### **Additional Blanchard River Hydraulic Improvements (Additional Benching):**

#### **Conceptual Design**

- Conceptual options have been developed and modeling is on-going.

#### **Technical Memorandum Development and Presentations**

- This work has not commenced.

### **III. Schedule**

<b>Task</b>	<b>Proposed Timeline</b>	<b>Current Status</b>	<b>Anticipated Timeline</b>
<b>A. &amp; B. Proof of Concept Report</b>		Complete	
<b>C – Supplemental #1</b>			
C.1 – Wetland Delineation & Habitat Assessment	1/31/2017	Complete	N/A
C.2 – Archaeological Survey	1/31/2017	Complete	N/A
C.3 – Aerial Surveying	12/31/2016	Complete	N/A
<b>D – Hydraulic Improvements (Preliminary Design)</b>			
D.1 – Site Assessment & Survey	7/31/2017	Complete	N/A
D.2 – Cultural and Historic Resources	5/9/2018	Complete	N/A
D.3 – Program Management		Complete	N/A
<b>E – Hydraulic Improvements (Final Design)</b>			
E.1 – Site Assessment & Survey	9/22/2017	Complete	N/A
E.2 – Preliminary Design Report	10/30/2017	Complete	N/A
E.3 – Detailed Design	8/30/2018	Complete	N/A
E.4 – NSRR Coordination	8/30/2018	Waiting for Norfolk Southern Force Account Agreement.	Follow-up required.
E.5 – Permitting	9/30/2018	Complete	N/A
E.6 – Program Management		Complete	N/A
<b>F – Proof of Concept Update</b>			
F.1 – H&H Model Simulations	4/30/2018	Complete	N/A

<b>Task</b>	<b>Proposed Timeline</b>	<b>Current Status</b>	<b>Anticipated Timeline</b>
F.2 – Data Collection	2/28/2018	Complete	N/A
F.3 – Concept Refinement	2/28/2018	Complete	N/A
F.4 – Updated Economic Analysis	4/30/2018	Complete	N/A
F.5 – Report Preparation	6/30/2018	Draft Proof of Concept Update report is complete.	N/A
F.6 – Program Management		Complete	N/A
<b>G – Construction Phase Services</b>			
G.1 – Bidding Phase Services	9/11/2018	Complete	N/A
G.2 – Construction Engineering Services	2/1/2020	On-going	2/1/2020
G.3 – Resident Project Representative (RPR) Services	12/31/2019	On-going	12/31/2019
G.4 – Mussel Surveys & Relocation	9/1/2019	Complete	N/A
G.5 – Letter of Map Revision (LOMR)	6/30/2020	To be performed within 6 months following completion of construction	6/30/2020
G.6 – Public Relations and Outreach	12/31/2019	On-Going	12/31/2019
<b>H – Additional Benching</b>			
H.1a – Hydraulic Improvements Conceptual Development	7/3/2019	On-going	7/3/2019
H.1b – Project Alternatives hydraulic Modeling	7/3/2019	On-going	7/3/2019
H.1c – Preliminary Opinion of Probable Construction Cost	7/3/2019	On-going	7/3/2019
H.2a – Technical Memo Development	9/1/2019	Has not commenced	9/1/2019
H.2b – Stakeholder Meeting	9/1/2019	Has not commenced	9/1/2019
H.2c – Public Presentation (If-Authorized)	TBD	Has not commenced	TBD

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.**

Derek Dalton, P.E.  
Senior Associate  
Tel: (419) 380-8910  
Fax: (419) 380-8920  
[derek.dalton@stantec.com](mailto:derek.dalton@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  
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Clark Lynn Army, General Manager

Date

<b>Invoice Number</b>	1512658
<b>Invoice Date</b>	May 21, 2019
<b>Purchase Order</b>	174316204
<b>Customer Number</b>	140260
<b>Project Number</b>	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

<b>Project</b>	<b>Hancock County Flood Diversion - Phase II Work Plan - Proof of Concept</b>		
Project Manager	Dalton, Derek D	Contract Upset	3,675,525.00
Current Invoice Total (USD)	58,610.63	Amount Billed to Date For Period Ending	3,316,334.10 <b>May 10, 2019</b>

**Top Task 406 Construction Phase Services**
**Professional Services**

Category/Employee	Current Hours	Rate	Current Amount
Taylor, Trana L	7.25	89.00	645.25
Noland, Nathan T	1.50	121.00	181.50
Price, Taylor Alexis	83.00	121.00	10,043.00
Gray, Michelle M (Shelly)	5.50	127.00	698.50
Scheibly, Jonathan F	7.50	144.00	1,080.00
Uhl III, John N (Nick)	38.50	144.00	5,544.00
Hayson, David T	4.50	150.00	675.00
Reeves, Eric E	1.00	156.00	156.00
Dalton, Derek D	33.00	162.00	5,346.00
Davis, Gene A	1.00	271.00	271.00
<b>Subtotal Professional Services</b>	<u>182.75</u>		<u>24,640.25</u>

**Disbursements**

Direct - Expenses	1,036.50
<b>Subtotal Disbursements</b>	<u>1,036.50</u>

**Subconsultants**

Hoff Consulting Services, LLC	1,940.90
TTL Associates, Inc.	28,480.48
Hart Associates, Inc.	2,512.50
<b>Subtotal Subconsultants</b>	<u>32,933.88</u>

Top Task Subtotal	Construction Phase Services	58,610.63
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<b>Invoice Number</b>	1512658
<b>Invoice Date</b>	May 21, 2019
<b>Purchase Order</b>	174316204
<b>Customer Number</b>	140260
<b>Project Number</b>	174316204

<b>Total Fees &amp; Disbursements</b>	58,610.63
<b>INVOICE TOTAL (USD)</b>	<b>58,610.63</b>

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Due upon receipt or in accordance with terms of the contract

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<b>Invoice Number</b>	1512659
<b>Invoice Date</b>	May 21, 2019
<b>Purchase Order</b>	174316204
<b>Customer Number</b>	140260
<b>Project Number</b>	174316204

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Steve Wilson, Project Manager  
1464 Pinehurst Drive  
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Stantec Consulting Services Inc. (SCSI)  
13980 Collections Center Drive  
Chicago IL 60693  
United States

<b>Project</b>	<b>Hancock County Flood Diversion - Phase II Work Plan - Proof of Concept</b>		
Project Manager	Dalton, Derek D	Contract Upset	3,675,525.00
Current Invoice Total (USD)	12,574.50	Amount Billed to Date For Period Ending	3,328,908.60 <b>May 10, 2019</b>

<b>Top Task</b>	<b>407</b>	<b>Add'l Blanchard River Hydraulic Improvements</b>
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**Professional Services**

Category/Employee		Current Hours	Rate	Current Amount
	Richardson, Jillian M (Jill)	56.50	113.00	6,384.50
	Neupane, Sagar	1.00	121.00	121.00
	Price, Taylor Alexis	1.50	121.00	181.50
	Sprague, Adam Carl	15.00	127.00	1,905.00
	Uhl III, John N (Nick)	0.50	144.00	72.00
	Hayson, David T	21.75	150.00	3,262.50
	Dalton, Derek D	4.00	162.00	648.00
<b>Subtotal Professional Services</b>		<u>100.25</u>		<u>12,574.50</u>

Top Task Subtotal	Add'l Blanchard River Hydraulic Improvements	12,574.50
<b>Total Fees &amp; Disbursements</b>		<u>12,574.50</u>
<b>INVOICE TOTAL (USD)</b>		<b>12,574.50</b>

**Due upon receipt or in accordance with terms of the contract**





**HOFF CONSULTING  
SERVICES, LLC**

4000 Magnolia Circle  
Maumee, OH 43537

(419) 466-3343  
adam@hoffcsllc.com

Coder: Trana Taylor

## Invoice

**BILL TO**

Mr. Derek D. Dalton PE  
Stantec Consulting Services  
Inc.  
4540 Heatherdowns Boulevard,  
Ste. A  
Toledo, Ohio 43614 USA  
Attn: Derek D. Dalton, PE

**INVOICE #** 1059

**DATE** 04/30/2019

**DUE DATE** 05/30/2019

**TERMS** Net 30

**PROJECT NUMBER:**

2018\_004

**PROJECT NAME:**

HCFRH Hyd. Imp. Ph. 1

DATE	SERVICE	STAFF MEMBER	QTY	RATE	AMOUNT
04/30/2019	<b>Professional Services:Professional Services</b>	Adam C. Hoff, PE	10.50	175.00	1,837.50
04/30/2019	<b>Direct Expense Mileage</b>	Mileage	188	0.55	103.40

Construction phase services.

BALANCE DUE

**\$1,940.90**

Daily hour record is attached.

# INVOICE



Coder: Trana Taylor

1915 N. 12th St., Toledo 43604-5305  
T 419.324.2222 F 419.241.1808

Stantec Consulting Services Inc.  
Derek Dalton  
4540 Heatherdowns Blvd, Ste A  
Toledo, OH 43614

Invoice number 1689401-06  
Date 04/24/2019

Project **1689401 Blanchard River Hydraulic  
Improvement - Findlay, OH - Env  
Oversight - Stantec**

Blanchard River Hydraulic Improvement Project  
Findlay, Ohio  
STANTEC Project No. 174316204  
STANTEC Pipeline No. 544367

Subconsultant Change Order No. 04

## Project Summary

Description	Contract Amount	Current Billed	Prior Billed	Remaining Amount
Environmental Oversight During Soil Excavation	95,100.00	28,480.48	57,982.68	8,636.84
Total	95,100.00	28,480.48	57,982.68	8,636.84

## Labor

Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Data Evaluation				
Susan E. Yarger				
	03/04/2019	0.75	126.00	94.50
	03/05/2019	0.25	126.00	31.50
	03/26/2019	1.00	126.00	126.00
	03/27/2019	1.25	126.00	157.50
Field Activities				
Jacob Musselman				
	03/01/2019	11.50	77.00	885.50
	03/02/2019	8.00	77.00	616.00
	03/04/2019	11.50	77.00	885.50
	03/05/2019	11.50	77.00	885.50
	03/06/2019	11.50	77.00	885.50
	03/07/2019	11.50	77.00	885.50
	03/08/2019	11.50	77.00	885.50
	03/09/2019	10.00	77.00	770.00
	03/11/2019	11.50	77.00	885.50
	03/12/2019	11.50	77.00	885.50
	03/13/2019	11.50	77.00	885.50
	03/14/2019	11.50	77.00	885.50
	03/15/2019	11.50	77.00	885.50
	03/18/2019	11.50	77.00	885.50

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Stantec Consulting Services Inc.

Invoice number 1689401-06

Project 1689401 Blanchard River Hydraulic Improvement - Findlay, OH - Env Oversight - Stantec

Date 04/24/2019

## Labor

### Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Field Activities				
Jacob Musselman				
	03/19/2019	13.50	77.00	1,039.50
	03/20/2019	13.50	77.00	1,039.50
	03/21/2019	13.50	77.00	1,039.50
	03/22/2019	13.50	77.00	1,039.50
	03/25/2019	6.50	77.00	500.50
	03/26/2019	11.50	77.00	885.50
	03/27/2019	11.50	77.00	885.50
	03/28/2019	11.50	77.00	885.50
	03/29/2019	11.50	77.00	885.50
Michael J. Koss				
	03/25/2019	6.50	77.00	500.50
Project Management				
Susan E. Yarger				
	03/07/2019	0.25	126.00	31.50
	03/13/2019	0.50	126.00	63.00
	03/19/2019	0.50	126.00	63.00
	03/21/2019	0.25	126.00	31.50
Project Meeting				
Susan E. Yarger				
	03/26/2019	3.50	126.00	441.00
Waste Disposal Management				
Susan E. Yarger				
	03/27/2019	0.25	126.00	31.50
	03/28/2019	1.00	126.00	126.00
Environmental Oversight During Soil Excavation subtotal				21,910.00

## Expenses/Lab Testing

### Environmental Oversight During Soil Excavation

	Date	Units	Rate	Billed Amount
Daily Vehicle Charge				
	03/01/2019	1.00	95.00	95.00
	03/02/2019	1.00	95.00	95.00
	03/04/2019	1.00	95.00	95.00
	03/05/2019	1.00	95.00	95.00
	03/06/2019	1.00	95.00	95.00
	03/07/2019	1.00	95.00	95.00
	03/08/2019	1.00	95.00	95.00
	03/09/2019	1.00	95.00	95.00

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Stantec Consulting Services Inc.

Invoice number 1689401-06

Project 1689401 Blanchard River Hydraulic Improvement - Findlay, OH - Env Oversight - Stantec

Date 04/24/2019

## Expenses/Lab Testing

### Environmental Oversight During Soil Excavation

#### Daily Vehicle Charge

Date	Units	Rate	Billed Amount
03/11/2019	1.00	95.00	95.00
03/12/2019	1.00	95.00	95.00
03/13/2019	1.00	95.00	95.00
03/14/2019	1.00	95.00	95.00
03/15/2019	1.00	95.00	95.00
03/18/2019	1.00	95.00	95.00
03/19/2019	1.00	95.00	95.00
03/20/2019	1.00	95.00	95.00
03/21/2019	1.00	95.00	95.00
03/25/2019	1.00	95.00	95.00
03/26/2019	1.00	95.00	95.00
03/27/2019	1.25	95.00	118.75
03/28/2019	1.00	95.00	95.00
03/29/2019	1.00	95.00	95.00

#### Level D Protective Clothing

03/01/2019	2.00	23.00	46.00
03/04/2019	1.00	23.00	23.00
03/05/2019	1.00	23.00	23.00
03/06/2019	1.00	23.00	23.00
03/07/2019	1.00	23.00	23.00
03/08/2019	1.00	23.00	23.00
03/09/2019	1.00	23.00	23.00
03/11/2019	1.00	23.00	23.00
03/12/2019	1.00	23.00	23.00
03/13/2019	1.00	23.00	23.00
03/14/2019	1.00	23.00	23.00
03/15/2019	1.00	23.00	23.00
03/18/2019	1.00	23.00	23.00
03/19/2019	1.00	23.00	23.00
03/20/2019	1.00	23.00	23.00
03/21/2019	1.00	23.00	23.00
03/25/2019	1.00	23.00	23.00
03/26/2019	1.00	23.00	23.00
03/27/2019	1.00	23.00	23.00
03/28/2019	1.00	23.00	23.00
03/29/2019	1.00	23.00	23.00

#### PID

03/01/2019	1.00	88.00	88.00
03/02/2019	1.00	88.00	88.00
03/04/2019	1.00	88.00	88.00

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Stantec Consulting Services Inc.

Invoice number 1689401-06

Project **1689401 Blanchard River Hydraulic Improvement - Findlay, OH - Env Oversight - Stantec**

Date 04/24/2019

## Expenses/Lab Testing

### Environmental Oversight During Soil Excavation

PID	Date	Units	Rate	Billed Amount
	03/06/2019	1.00	88.00	88.00
	03/08/2019	1.00	88.00	88.00
	03/09/2019	1.00	88.00	88.00
	03/11/2019	1.00	88.00	88.00
	03/13/2019	1.00	88.00	88.00
	03/14/2019	1.00	88.00	88.00
	03/15/2019	1.00	88.00	88.00
	03/18/2019	1.00	88.00	88.00
	03/19/2019	1.00	88.00	88.00
	03/20/2019	1.00	88.00	88.00
	03/21/2019	1.00	88.00	88.00
	03/25/2019	1.00	88.00	88.00
	03/26/2019	1.00	88.00	88.00
	03/27/2019	1.00	88.00	88.00
	03/28/2019	1.00	88.00	88.00
	03/29/2019	1.00	88.00	88.00
Environmental Oversight During Soil Excavation subtotal				4,291.75

## Consultant

### Environmental Oversight During Soil Excavation

	Date	Billed Amount
Laboratory Analysis		
Fibertec Environmental Services	03/27/2019	787.75
Subcontracted Services		
Fibertec Environmental Services	03/08/2019	705.53
	03/28/2019	785.45
Environmental Oversight During Soil Excavation subtotal		2,278.73

Invoice total **28,480.48**

Coder: Trana Taylor

# HART

811 MADISON AVE.  
TOLEDO, OH 43604  
419.893.9600

## INVOICE

Stantec  
Derek Dalton  
4540 Heatherdowns Blvd.  
Suite A  
Toledo, OH 43614

**DATE:** April 24, 2019  
**CLIENT:** Stantec  
**Invoice** G1573

Findlay Flood Risk Reduction	BUDGET	HRS.	RATE	CURRENT INVOICE	INVOICE TO DATE	% COMPLETE
Public Relations Direction Contact		2.25	\$150.00	\$ 337.50		
Account Management		3.5	\$125.00	\$ 437.50		
Project Coordination		1.5	\$90.00	\$ 135.00		
Project Management		2	\$125.00	\$ 250.00		
Content Entry		2.75	\$80.00	\$ 220.00		
Front End Software Developer		2.25	\$170.00	\$ 382.50		
Video Encoding		8.25	\$50.00	\$ 412.50		
Direct or Edit		2.25	\$150.00	\$ 337.50		
	64,200.00			\$ 2,512.50	\$ 26,133.79	41%
Amount Due				\$ 2,512.50		

Terms: NET 30



Stantec Consulting  
April 24, 2019

## Hart Status Report: March 28-April 19

### Drone Shoots

- Facilitate April drone shoot
- Deliver video files for review

### Website Maintenance

- Add news articles to "News" page

### PR Engagement

- Monitor for media coverage regarding the program