

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

MONTHLY PROGRESS REPORT #31

FOR STANTEC CONSULTING SERVICES INC.

Period Covered:

8-June-2019 thru 5-July-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 1539678 totaling \$36,837.98 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 Hart Associates, Inc. (\$2,746.25), Bockrath & Associates (\$10,483.75), TTL Associates, Inc. (\$16,060.05) and Hoff Consulting Services (\$175.00).
- Invoice 1539679 totaling \$11,331.00 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 and expenses applied by Stantec.
- To-date approximately 86.4% 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 0 pending submittals at the start, 1 submittal was received, 1 was reviewed and returned and 0 was pending at the end of the period.
- RFIs;
 - This period there were 0 RFIs pending at the start, 0 RFIs were received, 0 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, 2 change proposals were received, 1 change proposal was 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 6/25/19 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 provided part-time RPR service on-site during the excavation and in-stream work this period.
- Six 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) to reflect the addition of program-related documents.
- Continued general monitoring of local media and public relations information.
- The website is live and is being updated regularly.
- Drone videos are being posted to the website quarterly.

Additional Blanchard River Hydraulic Improvements (Additional Benching):

Conceptual Design

- This work is complete.

Technical Memorandum Development and Presentations

- The draft technical memo will be submitted on 7/19/19.
- A stakeholder presentation is scheduled for 7/29/19.

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	Complete	N/A
C.2 – Archaeological Survey	1/31/2017	Complete	N/A
C.3 – Aerial Surveying	12/31/2016	Complete	N/A
D – Hydraulic Improvements (Preliminary Design)			
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
E – Hydraulic Improvements (Final Design)			
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
F – Proof of Concept Update			

Task	Proposed Timeline	Current Status	Anticipated Timeline
F.1 – H&H Model Simulations	4/30/2018	Complete	N/A
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
G – Construction Phase Services			
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
H – Additional Benching			
H.1a – Hydraulic Improvements Conceptual Development	7/3/2019	On-Going	7/19/2019
H.1b – Project Alternatives hydraulic Modeling	7/3/2019	On-Going	7/19/2019
H.1c – Preliminary Opinion of Probable Construction Cost	7/3/2019	On-Going	7/19/2019
H.2a – Technical Memo Development	9/1/2019	On-Going	9/1/2019
H.2b – Stakeholder Meeting	9/1/2019	Has not commenced	7/29/2019
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

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
\$_____.

Clark Lynn Army, General Manager

Date

Invoice Number	1539678
Invoice Date	July 24, 2019
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	Dalton, Derek D	Contract Upset	3,953,325.00
Current Invoice Total (USD)	36,837.98	Amount Billed to Date	3,405,863.77
		For Period Ending	July 5, 2019

Top Task 406 Construction Phase Services
Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	McClure, Connor Davis	2.75	82.00	225.50
	Taylor, Trana L	2.75	89.00	244.75
	Price, Taylor Alexis	39.00	121.00	4,719.00
	Uhl III, John N (Nick)	0.25	144.00	36.00
	Reeves, Eric E	0.50	156.00	78.00
	Dalton, Derek D	11.00	162.00	1,782.00
	Subtotal Professional Services	<u>56.25</u>		<u>7,085.25</u>

Disbursements

Direct - Expenses	287.68
Subtotal Disbursements	<u>287.68</u>

Subconsultants

Hoff Consulting Services, LLC	175.00
Bockrath & Associates	10,483.75
TTL Associates, Inc.	16,060.05
Hart Associates, Inc.	2,746.25
Subtotal Subconsultants	<u>29,465.05</u>

Top Task Subtotal	Construction Phase Services	36,837.98
Total Fees & Disbursements		<u>36,837.98</u>
INVOICE TOTAL (USD)		36,837.98

Due upon receipt or in accordance with terms of the contract

Invoice Number	1539679
Invoice Date	July 24, 2019
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	Dalton, Derek D	Contract Upset	3,953,325.00
Current Invoice Total (USD)	11,331.00	Amount Billed to Date For Period Ending	3,417,194.77 July 5, 2019

Top Task	407	Add'l Blanchard River Hydraulic Improvements
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Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Kemper, Lauren	32.00	82.00	2,624.00
	Van Horne, Siena	4.25	113.00	480.25
	Price, Taylor Alexis	38.25	121.00	4,628.25
	Sprague, Adam Carl	6.00	127.00	762.00
	Hayson, David T	7.75	150.00	1,162.50
	LaRiviere, Laura Ann	4.00	156.00	624.00
	Reeves, Eric E	0.50	156.00	78.00
	Dalton, Derek D	6.00	162.00	972.00
Subtotal Professional Services		<u>98.75</u>		<u>11,331.00</u>

Top Task Subtotal	Add'l Blanchard River Hydraulic Improvements	11,331.00
Total Fees & Disbursements		<u>11,331.00</u>
INVOICE TOTAL (USD)		11,331.00

Due upon receipt or in accordance with terms of the contract



Coder: Trana Taylor

BILL TO

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

INVOICE # 15975

DATE 06/10/2019

DUE DATE 07/10/2019

TERMS Net 30

ACTIVITY	AMOUNT
Billable Time	
Surveying-Drawing-CH	187.50
Surveying-Drawing-CH	281.25
Engineering-GB-Meetings	110.00
Surveying-Drawing-GB	55.00
Surveying-Drawing-GB	110.00
Surveying-Field-JK	585.00
Surveying-Drawing-TP	37.50
Surveying-Review-GB	55.00
Surveying-Review-GB	55.00
Engineering-GB-Meetings	55.00
Engineering-GB-Meetings	55.00
Engineering-GB-Meetings	55.00
Engineering-GB-Office Admin	55.00
Engineering-CS-Office Admin	577.50
Engineering-CS-Office Admin	880.00
Surveying-Review-GB	55.00
Surveying-Drawing-GB	110.00
Surveying-Drawing-GB	165.00
Surveying-Field-JK	942.50
Surveying-Review-GB	165.00
Engineering-CS-Office Review	137.50
Engineering-CS-Office Review	605.00
Engineering-GB-Office Review	110.00
Engineering-CS-Office Review	660.00

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

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

ACTIVITY	AMOUNT
Engineering-CS-Office Review	660.00
Engineering-GB-Office Review	55.00
Engineering-CS-Office Review	330.00
Surveying-Review-GB	55.00
Surveying-Review-GB	55.00
Surveying-Review-GB	55.00
Surveying-Field-JK	552.50
Surveying-Review-GB	110.00
Surveying-Drawing-GB	110.00
Surveying-Review-GB	55.00
Surveying-Field-JK	455.00
Engineering-GB-Office Review	55.00
Surveying-Field-JK	552.50
Surveying-Review-GB	110.00
Surveying-Review-GB	110.00
Engineering-GB-On-Site	55.00
Surveying-Review-GB	55.00
Surveying-Review-GB	220.00
Surveying-Drawing-GB	55.00
Surveying-Drawing-GB	110.00
Surveying-Field-JK	455.00
Surveying-Review-GB	55.00
Surveying-Review-GB	55.00

Hancock County Flood Diversion - Bench Widening Staking / Topo / Earth Quantity Survey Services through 6-10-19	BALANCE DUE	\$10,483.75
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Interest 1.5% per month or 18% per year
Credit Cards Accepted

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

HART
 811 MADISON AVE.
 TOLEDO, OH 43604
 419.893.9600

INVOICE

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

DATE: May 28, 2019
CLIENT: Stantec
Invoice G1584

Findlay Flood Risk Reduction	BUDGET	HRS.	RATE	CURRENT INVOICE	INVOICE TO DATE	% COMPLETE
Public Relations Direction Contact		2.5	\$150.00	\$ 375.00		
Account Management		3.5	\$125.00	\$ 437.50		
Content Entry		4	\$80.00	\$ 320.00		
Software Developer		1.75	\$145.00	\$ 253.75		
Front End Software Developer		0.5	\$170.00	\$ 85.00		
Video Encoding		6.5	\$50.00	\$ 325.00		
Direct or Edit		3	\$150.00	\$ 450.00		
TAM		1	\$500.00	\$ 500.00		
	64,200.00			\$ 2,746.25	\$ 29,907.54	47%
Amount Due				\$ 2,746.25		

Terms: NET 30



TAM
27100 Oakmead Dr. Ste 216
Perrysburg, OH 43551
(419) 407-6391
contact@toledoaerialmedia.com

Invoice 3708

BILL TO

Nicholas Carr
HART
811 Madison Ave
Toledo, OH 43604 USA

DATE
06/28/2019

PLEASE PAY
\$500.00

DUE DATE
07/19/2019

ITEM	DESCRIPTION	RATE	QTY	LINE TOTAL
Aerial Shoot	Aerial photo and video production on site along the Blanchard River in Findlay, OH capturing the area of upcoming work for the Flood Risk Reduction Program [6/21/19]	500.00	1	500.00

Thanks, we really appreciate your business!

TOTAL DUE

\$500.00

THANK YOU.



Stantec Consulting
June 27, 2019

Hart Status Report: May 30-June 21

Drone Shoots

- Facilitate 6/21/19 drone shoot

Website Maintenance

- Update progress bar on Hydraulic Improvements page
- Add news stories

PR Engagement

- Monitor for media coverage regarding the program



**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 # 1066

DATE 06/28/2019

DUE DATE 07/28/2019

TERMS Net 30

PROJECT NUMBER/NAME:

2018_004

CONTRACT AMOUNT:

\$51,250.00

BALANCE REMAINING:

\$32,528.05

DATE	SERVICE	STAFF MEMBER	QTY	RATE	AMOUNT
06/28/2019	Professional Services:Professional Services	Adam C. Hoff, PE	1	175.00	175.00

Assistance with Construction Phase of Hydraulic
Improvements Phase 1

BALANCE DUE

\$175.00

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 1689401-07
Date 06/25/2019

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

Labor

Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Data Evaluation				
Susan E. Yarger				
	04/16/2019	0.25	126.00	31.50
	04/17/2019	0.75	126.00	94.50
Field Activities				
Jacob Musselman				
	04/01/2019	11.50	77.00	885.50
	04/02/2019	11.50	77.00	885.50
	04/04/2019	11.50	77.00	885.50
	04/05/2019	11.50	77.00	885.50
	04/08/2019	11.50	77.00	885.50
	04/09/2019	11.50	77.00	885.50
	04/10/2019	12.00	77.00	924.00
	04/11/2019	12.00	77.00	924.00
	04/12/2019	12.00	77.00	924.00
	04/13/2019	8.00	77.00	616.00
	04/15/2019	4.00	77.00	308.00
	04/16/2019	11.50	77.00	885.50
Michael J. Koss				
	04/03/2019	12.00	77.00	924.00
	04/06/2019	5.50	77.00	423.50
Project Coordination				
Susan E. Yarger				
	04/25/2019	0.50	126.00	63.00
Project Management				
Susan E. Yarger				
	04/02/2019	0.25	126.00	31.50

INVOICE



1915 N. 12th St., Toledo 43604-5305

T 419.324.2222 F 419.241.1808

Stantec Consulting Services Inc.

Invoice number 1689401-07

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

Date 06/25/2019

Labor

Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Project Management				
Susan E. Yarger				
	04/05/2019	0.25	126.00	31.50
	04/06/2019	0.25	126.00	31.50
	04/09/2019	0.25	126.00	31.50
	04/18/2019	0.25	126.00	31.50
Project Meeting				
Susan E. Yarger				
	04/18/2019	1.00	126.00	126.00
	04/30/2019	2.00	126.00	252.00
Proposal Preparation				
Susan E. Yarger				
	05/23/2019	1.00	126.00	126.00
	05/24/2019	0.25	126.00	31.50
Soil Sampling				
Michael J. Koss				
	04/18/2019	5.00	77.00	385.00
Waste Disposal Management				
Susan E. Yarger				
	04/04/2019	0.25	126.00	31.50
	04/05/2019	0.25	126.00	31.50

Expenses/Lab Testing

Environmental Oversight During Soil Excavation

	Date	Units	Rate	Billed Amount
Daily Vehicle Charge				
	04/01/2019	1.00	95.00	95.00
	04/02/2019	1.00	95.00	95.00
	04/03/2019	1.00	95.00	95.00
	04/04/2019	1.00	95.00	95.00
	04/05/2019	1.00	95.00	95.00
	04/08/2019	1.00	95.00	95.00
	04/09/2019	1.00	95.00	95.00
	04/10/2019	1.00	95.00	95.00
	04/11/2019	1.00	95.00	95.00
	04/12/2019	1.00	95.00	95.00
	04/13/2019	1.00	95.00	95.00
	04/16/2019	1.00	95.00	95.00
	04/18/2019	1.00	95.00	95.00

Level D Protective Clothing

	04/01/2019	1.00	23.00	23.00
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INVOICE



1915 N. 12th St., Toledo 43604-5305

T 419.324.2222 F 419.241.1808

Stantec Consulting Services Inc.

Invoice number 1689401-07

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

Date 06/25/2019

Expenses/Lab Testing

Environmental Oversight During Soil Excavation

	Date	Units	Rate	Billed Amount
Level D Protective Clothing				
	04/02/2019	1.00	23.00	23.00
	04/03/2019	1.00	23.00	23.00
	04/04/2019	1.00	23.00	23.00
	04/05/2019	1.00	23.00	23.00
	04/08/2019	1.00	23.00	23.00
	04/09/2019	1.00	23.00	23.00
	04/10/2019	1.00	23.00	23.00
	04/11/2019	1.00	23.00	23.00
	04/12/2019	1.00	23.00	23.00
	04/13/2019	1.00	23.00	23.00
	04/16/2019	1.00	23.00	23.00
Moisture-Density Relationship Curve (Standard Proctor)				
	04/08/2019	1.00	249.00	249.00
PID				
	04/01/2019	1.00	88.00	88.00
	04/02/2019	1.00	88.00	88.00
	04/03/2019	1.00	88.00	88.00
	04/04/2019	1.00	88.00	88.00
	04/05/2019	1.00	88.00	88.00
	04/08/2019	1.00	88.00	88.00
	04/09/2019	1.00	88.00	88.00
	04/10/2019	1.00	88.00	88.00
	04/11/2019	1.00	88.00	88.00
	04/12/2019	1.00	88.00	88.00
	04/13/2019	1.00	88.00	88.00
	04/16/2019	1.00	88.00	88.00
Sieve Analysis with Loss by Wash				
	04/06/2019	1.00	89.00	89.00

Consultant

Environmental Oversight During Soil Excavation

	Date	Billed Amount
Laboratory Analysis		
Fibertec Environmental Services		
	04/09/2019	112.70
Subcontracted Services		
Fibertec Environmental Services		
	04/26/2019	470.35

INVOICE



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

Stantec Consulting Services Inc.	Invoice number	1689401-07
Project 1689401 Blanchard River Hydraulic Improvement - Findlay, OH - Env Oversight - Stantec	Date	06/25/2019

Invoice total	16,060.05
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Contract Total Authorized	\$95,100.00
Change Order #1	7,423.71
Prior Billed	86,463.16
Current Billed	16,060.05
Remaining Amount	\$.50