

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

MONTHLY PROGRESS REPORT #26

FOR STANTEC CONSULTING SERVICES INC.

Period Covered:

29-December-2018 thru 8-February-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 1471939 totaling \$53,919.99 for tasks associated with the Hydraulic Improvements Construction Phase Services (Han. Co. PO No. 1803992), is submitted for consideration. This invoice includes time applied by Stantec as well as subconsultant invoices from Hoff Consulting Services, LLC (\$1,015.85) and TTL Associates, Inc. (\$8,368.10 and \$16,068.54).
- To-date approximately 88.9% 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 10 pending submittals at the start, 15 submittals were received, 14 were reviewed and returned and 11 were 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, 0 change proposals were received, 0 change proposals were reviewed and returned and 0 were pending at the end of the period.
- Progress Meetings and Site Visits;
 - A progress meeting was held at the project site on 1/29/19 and two site visits performed.

RPR Services

- RPR services are on-going.
- TTL Associates provided full-time RPR services this period.

Mussel Survey and Relocation

- This work is complete. A variance to perform mussel relocations within the previously restricted dates of October 1 to May 1 was obtained from ODNR. A summary report was submitted to ODNR and OEPA on 2/5/2019. ODNR approval was received on 2/6/2019.

LOMR

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

Public Information & Outreach

- This work is on-going.
- A ceremony was held at the project site on 10/4/2018.

- 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 new website is live and is being updated regularly.
- One drone video is posted to the website. The second drone shoot is scheduled for February.

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			
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			

Task	Proposed Timeline	Current Status	Anticipated Timeline
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

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 1471939
Invoice Date February 12, 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	3,597,175.00
Current Invoice Total (USD)	53,919.99	Amount Billed to Date	3,198,321.92
		For Period Ending	February 8, 2019

Top Task 406 Construction Phase Services

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Taylor, Trana L	11.75	89.00	1,045.75
Dilbone, Elizabeth Kathryn	36.50	100.00	3,650.00
Johns, Curtis W	2.00	100.00	200.00
Symonds, Daniel	13.00	100.00	1,300.00
McNulty, Dillon Albert	2.00	107.00	214.00
Van Horne, Siena	11.00	113.00	1,243.00
Price, Taylor Alexis	90.75	121.00	10,980.75
Adams, Joshua Jay	1.50	144.00	216.00
Scheibly, Jonathan F	4.50	144.00	648.00
Uhl III, John N (Nick)	7.00	144.00	1,008.00
Fleece, William C (Cody)	9.50	156.00	1,482.00
Dalton, Derek D	39.00	162.00	6,318.00
Serazin, Hallie J	1.00	162.00	162.00
Subtotal Professional Services	229.50		28,467.50

Subconsultants

Hoff Consulting Services, LLC	1,015.85
TTL Associates, Inc.	24,436.64
Subtotal Subconsultants	25,452.49

Top Task Subtotal Construction Phase Services 53,919.99

Total Fees & Disbursements 53,919.99
INVOICE TOTAL (USD) **53,919.99**

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 # 1033

DATE 01/02/2019

DUE DATE 02/01/2019

TERMS Net 30

PROJECT NUMBER:

2018_004

PROJECT NAME:

HCFRR Hyd. Improvements Phase 1

DATE	STAFF MEMBER	QTY	RATE	AMOUNT
01/02/2019	Adam C. Hoff, PE	5.50	175.00	962.50
01/02/2019	Direct Expense (Mileage)	97	0.55	53.35

Construction Phase Services

BALANCE DUE

\$1,015.85

Daily hour record is attached.

INVOICE



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

Coder: Trana Taylor

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

Invoice number 1689401-02
Date 01/02/2019

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	8,368.10	1,610.00	85,121.90
Total	95,100.00	8,368.10	1,610.00	85,121.90

Labor

Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Data Evaluation				
Susan E. Yarger				
	11/27/2018	0.25	126.00	31.50
	11/28/2018	0.25	126.00	31.50
	11/29/2018	0.25	126.00	31.50
Field Activities				
Braydon Gomes				
	11/19/2018	13.25	77.00	1,020.25
	11/20/2018	11.25	77.00	866.25
	11/21/2018	11.75	77.00	904.75
	11/27/2018	4.00	77.00	308.00
	11/30/2018	6.75	77.00	519.75
Project Coordination				
Braydon Gomes				
	11/01/2018	3.00	77.00	231.00
	11/06/2018	2.50	77.00	192.50
	11/07/2018	0.75	77.00	57.75
	11/08/2018	1.50	77.00	115.50
	11/15/2018	2.00	77.00	154.00
	11/16/2018	1.25	77.00	96.25
	11/17/2018	0.50	77.00	38.50

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Stantec Consulting Services Inc.

Invoice number 1689401-02

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

Date 01/02/2019

Labor

Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Project Coordination				
Susan E. Yarger				
	11/01/2018	0.50	126.00	63.00
	11/06/2018	0.50	126.00	63.00
	11/19/2018	2.00	126.00	252.00
	11/20/2018	1.50	126.00	189.00
	11/29/2018	0.75	126.00	94.50
Project Management				
Braydon Gomes				
	11/26/2018	1.75	77.00	134.75
	11/27/2018	6.00	77.00	462.00
	11/28/2018	3.00	77.00	231.00
	11/29/2018	3.50	77.00	269.50
	11/30/2018	1.00	77.00	77.00
Project Meeting				
Susan E. Yarger				
	11/01/2018	1.50	126.00	189.00
Environmental Oversight During Soil Excavation subtotal				6,623.75

Expenses/Lab Testing

Environmental Oversight During Soil Excavation

	Date	Units	Rate	Billed Amount
Daily Vehicle Charge				
	11/19/2018	1.00	95.00	95.00
	11/20/2018	1.00	95.00	95.00
	11/21/2018	1.00	95.00	95.00
	11/27/2018	0.50	95.00	47.50
	11/30/2018	1.00	95.00	95.00
Ice				
	11/19/2018			2.29
Level D Protective Clothing				
	11/19/2018	1.00	23.00	23.00
	11/20/2018	1.00	23.00	23.00
	11/30/2018	1.00	23.00	23.00
PID				
	11/19/2018	1.00	88.00	88.00
	11/20/2018	1.00	88.00	88.00
	11/21/2018	1.00	88.00	88.00
	11/27/2018	0.50	88.00	44.00
	11/30/2018	1.00	88.00	88.00

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Invoice number 1689401-02

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

Date 01/02/2019

Expenses/Lab Testing

Environmental Oversight During Soil Excavation subtotal	894.79
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Consultant

Environmental Oversight During Soil Excavation

Laboratory Analysis

Fibertec Environmental Services

Date	Billed Amount
11/28/2018	355.35
11/30/2018	494.21
Environmental Oversight During Soil Excavation subtotal	849.56

Invoice total	8,368.10
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Coder: Trana Taylor

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

Invoice number 1689401-03
Date 01/28/2019

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	16,068.54	9,978.10	69,053.36
Total	95,100.00	16,068.54	9,978.10	69,053.36

Labor

Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Data Evaluation				
Susan E. Yarger				
	12/17/2018	0.25	126.00	31.50
	12/18/2018	0.25	126.00	31.50
	12/20/2018	0.50	126.00	63.00
	12/26/2018	0.50	126.00	63.00
	12/27/2018	0.25	126.00	31.50
	12/28/2018	0.50	126.00	63.00
Field Activities				
Braydon Gomes				
	12/03/2018	10.25	77.00	789.25
	12/04/2018	10.50	77.00	808.50
	12/05/2018	10.50	77.00	808.50
	12/06/2018	10.50	77.00	808.50
	12/07/2018	9.50	77.00	731.50
	12/10/2018	10.50	77.00	808.50
	12/11/2018	11.75	77.00	904.75
	12/12/2018	10.50	77.00	808.50
	12/13/2018	10.75	77.00	827.75
	12/14/2018	7.00	77.00	539.00
	12/18/2018	10.75	77.00	827.75

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Invoice number 1689401-03

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Date 01/28/2019

Labor

Environmental Oversight During Soil Excavation

	Date	Hours	Rate	Billed Amount
Project Coordination				
Susan E. Yarger				
	12/04/2018	0.25	126.00	31.50
	12/05/2018	0.25	126.00	31.50
	12/06/2018	0.25	126.00	31.50
	12/07/2018	0.50	126.00	63.00
	12/19/2018	0.50	126.00	63.00
Project Management				
Braydon Gomes				
	12/03/2018	0.50	77.00	38.50
	12/04/2018	0.50	77.00	38.50
	12/05/2018	0.50	77.00	38.50
	12/06/2018	0.50	77.00	38.50
	12/07/2018	0.50	77.00	38.50
	12/10/2018	0.50	77.00	38.50
	12/11/2018	0.50	77.00	38.50
	12/12/2018	0.50	77.00	38.50
	12/13/2018	0.50	77.00	38.50
	12/14/2018	1.25	77.00	96.25
	12/18/2018	0.50	77.00	38.50
	12/19/2018	3.75	77.00	288.75
	12/20/2018	4.25	77.00	327.25
	12/21/2018	2.25	77.00	173.25
	12/26/2018	0.75	77.00	57.75
Susan E. Yarger				
	12/10/2018	0.50	126.00	63.00
	12/11/2018	0.50	126.00	63.00
	12/12/2018	0.50	126.00	63.00
	12/13/2018	0.50	126.00	63.00
	12/14/2018	0.25	126.00	31.50
Environmental Oversight During Soil Excavation subtotal				10,778.25

Expenses/Lab Testing

Environmental Oversight During Soil Excavation

	Date	Units	Rate	Billed Amount
Daily Vehicle Charge				
	12/03/2018	1.00	95.00	95.00
	12/04/2018	1.00	95.00	95.00
	12/05/2018	1.00	95.00	95.00
	12/06/2018	1.00	95.00	95.00

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Invoice number 1689401-03

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

Date 01/28/2019

Expenses/Lab Testing

Environmental Oversight During Soil Excavation

	Date	Units	Rate	Billed Amount
Daily Vehicle Charge	12/07/2018	1.00	95.00	95.00
	12/10/2018	1.00	95.00	95.00
	12/11/2018	1.00	95.00	95.00
	12/12/2018	1.00	95.00	95.00
	12/13/2018	1.00	95.00	95.00
	12/14/2018	1.00	95.00	95.00
	12/18/2018	1.00	95.00	95.00
Ice	12/07/2018			8.03
	12/13/2018			2.40
	12/18/2018			2.86
Level D Protective Clothing	12/03/2018	1.00	23.00	23.00
	12/04/2018	1.00	23.00	23.00
	12/05/2018	1.00	23.00	23.00
	12/06/2018	1.00	23.00	23.00
	12/07/2018	1.00	23.00	23.00
	12/10/2018	1.00	23.00	23.00
	12/11/2018	1.00	23.00	23.00
	12/12/2018	1.00	23.00	23.00
	12/13/2018	1.00	23.00	23.00
	12/14/2018	1.00	23.00	23.00
	12/18/2018	1.00	23.00	23.00
PID	12/03/2018	1.00	88.00	88.00
	12/04/2018	1.00	88.00	88.00
	12/05/2018	1.00	88.00	88.00
	12/06/2018	1.00	88.00	88.00
	12/07/2018	1.00	88.00	88.00
	12/10/2018	1.00	88.00	88.00
	12/11/2018	1.00	88.00	88.00
	12/12/2018	1.00	88.00	88.00
	12/13/2018	1.00	88.00	88.00
	12/14/2018	1.00	88.00	88.00
	12/18/2018	1.00	88.00	88.00
Environmental Oversight During Soil Excavation subtotal				<u>2,279.29</u>

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

Invoice number 1689401-03

Date 01/28/2019

Consultant

Environmental Oversight During Soil Excavation

Laboratory Analysis

Fibertec Environmental Services

Environmental Oversight During Soil Excavation subtotal

Date	Billed Amount
12/06/2018	146.05
12/11/2018	118.45
12/14/2018	261.63
12/26/2018	532.45
12/28/2018	1,952.42
	<u>3,011.00</u>
Invoice total	<u><u>16,068.54</u></u>