

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

MONTHLY PROGRESS REPORT #39

FOR STANTEC CONSULTING SERVICES INC.

Period Covered:

8-February-2020 thru 3-April-2020

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 1644181 totaling \$5,785.16 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 employees as well as a subconsultant invoice for Hart Associates, Inc. (\$1,585.66).
- Invoice 1644180 totaling \$47,776.00 for tasks associated with the Norfolk Southern Rail Bridge Preliminary Design is submitted for consideration. This invoice includes time and expenses applied by Stantec employees as well as a subconsultant invoice for Bockrath & Associates (\$4,994.00).
- To-date approximately 94.9% 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 0 pending submittals at the start, 1 submittal was received, 1 was reviewed and returned and 0 were pending at the end of the period.
- RFIs;
 - This period there were 0 RFIs pending at the start, 0 RFI was received, 0 RFI was 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;
 - Progress calls were held on 2/11 and 3/7 and one site visit was performed for CE Services. Bi-weekly client coordination calls were held.

RPR Services

- RPR services are on-going.
- TTL remains on-call as-needed if additional PCM is discovered at the site and is performing compaction testing services
- Stantec will provide part-time RPR services as needed for the remainder of construction.
- One site visit was performed for RPR services this period.

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 website (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

- This work is considered complete pending a public presentation or any additional comments or requests.

Norfolk Southern Rail Bridge – Preliminary Design:

Project Coordination

- This work is on-going.

30% Design Alternatives

- This work is on-going. A 30% design package has been submitted to NS. We are awaiting comments from NS.

Supplemental Survey

- This work is complete.

Hydraulic and Hydrology

- This work is complete.

Permitting

- This work is complete. A matrix of permits that will be required for the project has been developed. A decision has been made to modify and extend the existing permits from the Hydraulic Improvement Projects, to include the NS Rail Bridge Project.

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)			

Task	Proposed Timeline	Current Status	Anticipated Timeline
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	Complete	N/A
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			
G.1 – Bidding Phase Services	9/11/2018	Complete	N/A
G.2 – Construction Engineering Services	2/1/2020	On-going. Schedule extended due to AEP work.	7/1/2020
G.3 – Resident Project Representative (RPR) Services	12/31/2019	On-going. Schedule extended due to AEP work.	7/1/2020
G.4 – Mussel Surveys & Relocation	9/1/2019	Complete	N/A
G.5 – Letter of Map Revision (LOMR)	6/30/2020	To be performed following completion of the NS Bridge Project.	9/30/2022
G.6 – Public Relations and Outreach	12/31/2019	On-Going	7/1/2020
H – Additional Benching			
H.1a – Hydraulic Improvements Conceptual Development	7/3/2019	Complete	N/A
H.1b – Project Alternatives hydraulic Modeling	7/3/2019	Complete	N/A
H.1c – Preliminary Opinion of Probable Construction Cost	7/3/2019	Complete	N/A

Invoice Number	1644180
Invoice Date	April 10, 2020
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	4,178,814.00
Current Invoice Total (USD)	47,776.00	Amount Billed to Date	3,936,741.74
		For Period Ending	April 3, 2020

Top Task 409 Norfolk Southern Rail Bridge - Preliminary Design

Professional Services

Category/Employee	Current Hours	Rate	Current Amount
Noland, Nathan T	36.00	127.00	4,572.00
Price, Taylor Alexis	1.50	127.00	190.50
Tolman, Ann Louise	2.00	127.00	254.00
Siler, Joshua Adam (Josh)	2.00	137.00	274.00
Wienke, Nelson	81.50	143.00	11,654.50
Durham, Paul J	4.00	154.00	616.00
Fraga, Victor E	42.75	154.00	6,583.50
Hayson, David T	45.50	158.00	7,189.00
Hoffman, Daniel E	9.00	158.00	1,422.00
Teitt, Matthew James	3.00	158.00	474.00
Fleece, William C (Cody)	18.00	167.00	3,006.00
Dalton, Derek D	13.00	173.00	2,249.00
White, Ross M	22.50	191.00	4,297.50
Subtotal Professional Services	<u>280.75</u>		<u>42,782.00</u>

Subconsultants

Bockrath & Associates	4,994.00
Subtotal Subconsultants	<u>4,994.00</u>

Top Task Subtotal	Norfolk Southern Rail Bridge - Preliminary Design	47,776.00
Total Fees & Disbursements		<u>47,776.00</u>
INVOICE TOTAL (USD)		47,776.00

Due upon receipt or in accordance with terms of the contract

Invoice Number	1644181
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Maumee Watershed Conservancy District
 Steve Wilson, Project Manager
 1464 Pinehurst Drive
 Defiance OH 43512
 United States

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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	Dalton, Derek D	Contract Upset	4,178,814.00
Current Invoice Total (USD)	5,785.16	Amount Billed to Date	3,942,526.90
		For Period Ending	April 3, 2020

Top Task 406 Construction Phase Services

Professional Services

Category/Employee		Current Hours	Rate	Current Amount
	Johns, Curtis W	5.00	111.00	555.00
	Taylor, Trana L	0.50	111.00	55.50
	Price, Taylor Alexis	16.00	127.00	2,032.00
	Dalton, Derek D	9.00	173.00	1,557.00
	Subtotal Professional Services	<u>30.50</u>		<u>4,199.50</u>

Subconsultants

	Hart Associates, Inc.	1,585.66
	Subtotal Subconsultants	<u>1,585.66</u>

Top Task Subtotal	Construction Phase Services	5,785.16
	Total Fees & Disbursements	<u>5,785.16</u>
	INVOICE TOTAL (USD)	5,785.16

Due upon receipt or in accordance with terms of the contract



Coder: Trana Taylor

BILL TO

Stantec Consulting Services
 4540 Heatherdowns Blvd., Ste
 A
 Toledo, OH 43614-3100

INVOICE # 17315

DATE 03/13/2020

DUE DATE 04/12/2020

TERMS Net 30

ACTIVITY	AMOUNT
Charges	
Other	99.00
Other	70.00
Subtotal: Charges	169.00
Billable Time	
Surveying-Drawing-GB	55.00
Surveying-Drawing-GB	55.00
Engineering-GB-Office Admin	55.00
Admin-CLR	112.50
Surveying-Research-Office	97.50
Admin-CLR	50.00
Surveying-Research-Office	260.00
Surveying-Research-Office	195.00
Surveying-Drawing-GB	55.00
Admin-CLR	25.00
Surveying-Field-BL	65.00
Surveying-Research-Office	65.00
Surveying-Drawing-GB	110.00
Surveying-Drawing-GB	55.00
Surveying-Drawing-GB	275.00
Surveying-Field-CH	975.00
Surveying-Drawing-CH	75.00
Surveying-Drawing-CH	37.50
Admin-CLR	37.50
Surveying-Drawing-CH	75.00

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

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

ACTIVITY	AMOUNT
Surveying-Drawing-CH	525.00
Surveying-Drawing-CH	112.50
Surveying-Drawing-CH	75.00
Surveying-Review-GB	55.00
Surveying-Review-GB	55.00
Surveying-Drawing-CH	300.00
Surveying-Drawing-CH	450.00
Surveying-Drawing-CH	412.50
Surveying-Review-GB	110.00
Subtotal:	4,825.00

20-024 Norfolk Southern Railroad Survey Findlay, Ohio Services through 3-5-20	BALANCE DUE	\$4,994.00
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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: March 25, 2020
CLIENT: Stantec
Invoice G1621

Findlay Flood Risk Reduction	BUDGET	HRS.	RATE	CURRENT INVOICE	INVOICE TO DATE	% COMPLETE
Public Relations Direction Contact		2	\$150.00	\$ 300.00		
Public Relations Coordination		0.5	\$90.00	\$ 45.00		
Account Management		1	\$125.00	\$ 125.00		
Quality Assurance		0.5	\$95.00	\$ 47.50		
Software Developer		0.5	\$145.00	\$ 72.50		
Front End Software Developer		0.5	\$170.00	\$ 85.00		
	64,200.00			\$ 675.00	\$ 36,474.33	57%
Amount Due				\$ 675.00		

Terms: NET 30



Stantec Consulting
March 24, 2020

Hart Status Report: February 22-March 20

Website Maintenance

- Add news articles to website

PR Engagement

- Monitor for media coverage regarding the program