

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

MONTHLY PROGRESS REPORT #30

FOR STANTEC CONSULTING SERVICES INC.

Period Covered:

11-May-2019 thru 7-June-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 1523256 totaling \$16,335.44 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 a subconsultant invoice from Hart Associates, Inc. (\$1,027.50).
- Invoice 1523265 totaling \$23,781.75 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 91.7% 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, 0 submittals were received, 2 were reviewed and returned and 0 was pending at the end of the period.
- RFIs;
 - This period there were 0 RFIs pending at the start, 1 RFI was received, 1 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, 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 5/28/19 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

- Conceptual options have been developed and QA/QC is being performed on the modeling results.
- Preliminary Opinions of Probable Construction Costs have been developed for the bench options and QA/QC is being performed.
- A meeting was held with City of Findlay administration on 6/6/19 to provide an update on the program.

Technical Memorandum Development and Presentations

- This work has not commenced.

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 |

| Task | Proposed Timeline | Current Status | Anticipated Timeline |
|--|-------------------|--|----------------------|
| | | | |
| 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 | 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 | 7/3/2019 |
| 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

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

MAUMEE WATERSHED CONSERVANCY DISTRICT
Hancock County Flood Diversion

Invoice Summary and Project Financial Status

Stantec Consulting Services Inc.

Billing Period: 11-May-2019 through 7-June-2019

| <u>P.O. Number</u> | <u>Project Name</u> | <u>Authorized Amount</u> | <u>Invoiced This Month</u> | <u>Invoice to Date</u> | <u>Balance Remaining</u> | <u>Percent Complete (%)</u> | <u>Percent Spent (%)</u> | <u>Comments</u> |
|------------------------------|---|------------------------------|--------------------------------|------------------------|------------------------------|-------------------------------------|------------------------------|---------------------|
| 1607188 | Proof of Concept | \$ 1,280,000.00 | \$ - | \$ 1,280,000.00 | \$ - | 100.0% | 100.00% | Closed |
| 1608968 | Supplemental Task 1 | \$ 305,000.00 | \$ - | \$ 304,477.83 | \$ - | 100.0% | 99.80% | Closed |
| 1703439 | Hyd. Imps. Ph 1 | \$ 265,000.00 | \$ - | \$ 264,609.89 | \$ - | 100.0% | 99.90% | Closed |
| 1705464 | Hydraulic Improvements Design | \$ 650,000.00 | \$ - | \$ 650,000.00 | \$ - | 100.0% | 100.00% | Closed |
| 1707430 | Proof of Concept Update | \$ 375,000.00 | \$ - | \$ 374,950.24 | \$ - | 100.0% | 100.00% | Closed |
| 1803994 | Hydraulic Improvements Design Supplemental | \$ 45,000.00 | \$ - | \$ 44,990.50 | \$ - | 100.0% | 100.00% | Closed |
| 1803992 | Hydraulic Improvements CE Services | \$ 675,000.00 | \$ 16,335.44 | \$ 411,466.08 | \$ 263,533.92 | 60.0% | 61.00% | See Progress Report |
| 1903043 | Additional Blanchard River Hydraulic Improvements (Additional Benching) | \$ 78,350.00 | \$ 23,781.75 | \$ 36,356.25 | \$ 41,993.75 | 50.0% | 46.40% | See Progress Report |
| Totals: | | \$ 3,673,350.00 | \$ 40,117.19 | \$ 3,366,850.79 | \$ 305,527.67 | | 91.7% | |
| Total Cumulative Fee: | | \$ 3,673,350.00 | | | | | | |

| | |
|------------------------|---------------|
| Invoice Number | 1523256 |
| Invoice Date | June 16, 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 | 3,675,525.00 |
| Current Invoice Total (USD) | 16,335.44 | Amount Billed to Date | 3,345,244.04 |
| | | For Period Ending | June 7, 2019 |

Top Task 406 Construction Phase Services
Professional Services

| Category/Employee | | Current Hours | Rate | Current Amount |
|-------------------|---------------------------------------|------------------|--------|-------------------|
| | Taylor, Trana L | 2.50 | 89.00 | 222.50 |
| | Price, Taylor Alexis | 56.50 | 121.00 | 6,836.50 |
| | McNeal, Brandon S | 1.00 | 144.00 | 144.00 |
| | Scheibly, Jonathan F | 0.50 | 144.00 | 72.00 |
| | Uhl III, John N (Nick) | 27.25 | 144.00 | 3,924.00 |
| | Dalton, Derek D | 21.00 | 162.00 | 3,402.00 |
| | Subtotal Professional Services | <u>108.75</u> | | <u>14,601.00</u> |

Disbursements

| | |
|-------------------------------|---------------|
| Direct - Expenses | 706.94 |
| Subtotal Disbursements | <u>706.94</u> |

Subconsultants

| | |
|--------------------------------|-----------------|
| Hart Associates, Inc. | 1,027.50 |
| Subtotal Subconsultants | <u>1,027.50</u> |

| | | |
|---------------------------------------|-----------------------------|------------------|
| Top Task Subtotal | Construction Phase Services | 16,335.44 |
| Total Fees & Disbursements | | <u>16,335.44</u> |
| INVOICE TOTAL (USD) | | 16,335.44 |

Due upon receipt or in accordance with terms of the contract

| | |
|------------------------|---------------|
| Invoice Number | 1523265 |
| Invoice Date | June 16, 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 | 3,675,525.00 |
| Current Invoice Total (USD) | 23,781.75 | Amount Billed to Date For Period Ending | 3,369,025.79 June 7, 2019 |

| | | |
|-----------------|------------|---|
| Top Task | 407 | Add'l Blanchard River Hydraulic Improvements |
|-----------------|------------|---|

Professional Services

| Category/Employee | Current Hours | Rate | Current Amount |
|---------------------------------------|------------------|--------|-------------------|
| Kemper, Lauren | 49.00 | 82.00 | 4,018.00 |
| Kretz, Joseph T (Joey) | 3.50 | 113.00 | 395.50 |
| Richardson, Jillian M (Jill) | 9.50 | 113.00 | 1,073.50 |
| Price, Taylor Alexis | 59.25 | 121.00 | 7,169.25 |
| Sprague, Adam Carl | 31.50 | 127.00 | 4,000.50 |
| Goodin III, Joseph L (Joe) | 0.50 | 135.00 | 67.50 |
| Hayson, David T | 31.75 | 150.00 | 4,762.50 |
| Hoffman, Daniel E | 4.50 | 150.00 | 675.00 |
| Dalton, Derek D | 5.00 | 162.00 | 810.00 |
| Sturdevant, Michael R | 5.00 | 162.00 | 810.00 |
| Subtotal Professional Services | <u>199.50</u> | | <u>23,781.75</u> |

| | | |
|---------------------------------------|--|------------------|
| Top Task Subtotal | Add'l Blanchard River Hydraulic Improvements | 23,781.75 |
| Total Fees & Disbursements | | <u>23,781.75</u> |
| INVOICE TOTAL (USD) | | 23,781.75 |

Due upon receipt or in accordance with terms of the contract

HART
 811 MADISON AVE.
 TOLEDO, OH 43604
 419.893.9600

INVOICE

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

DATE: May 31, 2019
CLIENT: Stantec
Invoice G1579

| Findlay Flood Risk Reduction | BUDGET | HRS. | RATE | CURRENT INVOICE | INVOICE TO DATE | % COMPLETE |
|------------------------------------|-----------|------|----------|-----------------|-----------------|------------|
| Public Relations Direction Contact | | 2 | \$150.00 | \$ 300.00 | | |
| Account Management | | 1.5 | \$125.00 | \$ 187.50 | | |
| Content Entry | | 6.75 | \$80.00 | \$ 540.00 | | |
| | | | | | | |
| | | | | | | |
| | 64,200.00 | | | \$ 1,027.50 | \$ 27,161.29 | 42% |
| Amount Due | | | | \$ 1,027.50 | | |

Terms: NET 30



Stantec Consulting
May 31, 2019

Hart Status Report: April 20-May 29

Drone Shoots

- Compile clips from April shoot footage

Website Maintenance

- Update video files on website

PR Engagement

- Monitor for media coverage regarding the program