

August 18, 2022

Mr. Timothy S. Zinkham
Manager, Engineering Services
Cranberry Township
2525 Rochester Road, Suite 400
Cranberry Township, Pennsylvania 16066-6499

Re: Proposal for Design of Fox Run Trunk Sewer

Dear Mr. Zinkham:

Hatch Associates Consultants, Inc. (Hatch), is pleased to provide Cranberry Township with this proposal to provide engineering design for a new trunk sewer in the Fox Run development to provide relief of periodic basement flooding during significant precipitation events in the area downstream of the intersection of Fox Run Circle and Fox Run Road. The trunk sewer would consist of approximately 1,200 feet of 15" diameter sewer from the intersection of Fox Run Circle and Fox Run Road to the existing 15" diameter Interceptor 7. Please refer to Attachment 1 which shows the proposed trunk sewer between Cranberry Township GIS nodes 10751 and 10403. The installation of this trunk sewer will allow for the 8-inch diameter sewer between Cranberry Township GIS nodes 10751 and 10706 to be abandoned.

Scope of Services

Hatch proposes to perform the following scope of services for the design of the Fox Run Trunk Sewer:

1. Initiate a PA One Call for design and coordinate communications and administration for design.
2. Perform GIS site survey after appropriate utilities are located to pick up additional details.
3. Perform PNDI Environmental Review through the Pennsylvania Conservation Explorer.
4. Prepare a GP-5 Stream Crossing Permit Application package for signature and submittal by Cranberry Township for the Coal Run crossing. Environmental permit applications to the Pennsylvania Department of Environmental Protection and the Butler County Conservation District
5. Prepare construction contract drawings consisting of a title sheet, legend sheet, plan & profile sheets, detail sheets, and E&S detail sheets.
6. Participate in a review meeting with Cranberry Township staff upon completion of preliminary design documents.
7. Participate in a review meeting with Cranberry Township staff upon completion of final deliverables.
8. Bid item quantity take-off tabulation.

9. Prepare an opinion of probable construction costs.
10. Provide one set of final plans in PDF format that Cranberry Township staff can incorporate in the project Contract Documents for distribution to prospective bidders.

Please note that this proposal does not include engineering services for preparation of technical specifications, rights-of-way, funding applications, Highway Occupancy permit applications, bidding, contract award or construction phase services. We will provide Cranberry Township with a proposal for these services upon request. Furthermore, Hatch does not believe that the PNDI review will result in any hits, and we have not included any scope for further environmental permitting.

Proposed Fee

Hatch proposes to provide the scope of services for a not to exceed fee of \$34,500 in accordance with the attached rates currently in effect for Cranberry Township.

Proposed Fee

Hatch is prepared to initiate work upon authorization to proceed. We anticipate that the work can be completed within 6 to 8 weeks. This would include preparation of the GP-5 Stream Crossing Permit Application package within 5-6 weeks from authorization to proceed so that Cranberry Township can submit it for approval to allow for construction to commence upon approval.

We look forward to your favorable response to this proposal and to continue working with you, your staff and Cranberry Township. Should you have any questions or require any additional information, please contact me at (412) 497-2056 or at michael.ryder@hatch.com.

Very truly yours,
HATCH, INC.

Michael B. Ryder

Michael B. Ryder, P.E.
Senior Project Manager

MBR/mr

Attachments

Accepted:

Jim Sinkhan

(Signature)

August 18, 2022

Date

HATCH

Attachment 1 Proposal for Design of Fox Run Trunk Sewer



HATCH

2021 CHARGES FOR PROFESSIONAL SERVICES For CRANBERRY TOWNSHIP, PENNSYLVANIA

The charges for any services provided by Hatch consist of: (1) an hourly billing rate for any professional staff member actively working on a project; (2) reimbursement of direct expenses; (3) reimbursement of subcontractor's and other special costs; (4) use and rental charges for equipment; and (5) laboratory analyses. Invoices covering these charges and expenses will be submitted for payment on a monthly basis (except for subcontractor invoices which will be billed as received); unless some other arrangement has been agreed upon.

Hourly billing rates for various classifications of Hatch personnel are indicated below and are subject to annual revision:

<u>STAFF CLASSIFICATIONS</u>	<u>HOURLY RATES</u>
STAFF ENGINEER/SCIENTIST	\$ 97.00
ENGINEER/SCIENTIST I	107.00
ENGINEER/SCIENTIST II	114.00
SENIOR ENGINEER/SCIENTIST	125.00
PROJECT ENGINEERS/SCIENTIST	143.00
SENIOR PROJECT ENGINEERS/SCIENTIST	163.00
PROJECT/TECHNICAL MANAGER	170.00
SENIOR PROJECT/TECHNICAL MANAGER	182.00
RESIDENT I*	68.00
RESIDENT II*	76.00
DESIGNER*	97.00
SENIOR DESIGNER	120.00
GIS TECHNICIAN	91.00
GIS ANALYST	103.00
SENIOR GIS ANALYST	124.00
ASSISTANT TECHNICIAN*	60.00
TECHNICIAN*	71.00
SENIOR TECHNICIAN*	79.00
ENGINEER TECHNICIAN*	101.00
SENIOR ENGINEERING TECHNICIAN*	103.00

The above rates include all employees' wages and payroll burdens, plus company overhead and profit. * Overtime rates are 1.35 times the hourly rate in excess of 40 hours per week worked in Cranberry Township.

PAYMENT: Progress invoices will be issued monthly and are to be paid within 30 days of the invoice date unless prior written agreement has been obtained. Subcontractor billings are payable upon presentation.

SENIOR MANAGEMENT RATES: Principal and Senior Principal who provide technical review and project guidance will be billed at \$170.00 and \$190.00 per hour.

SUBCONTRACTS AND SPECIALTY EQUIPMENT: Subcontractor costs, material costs, and the costs associated with the rental of specialized equipment will be charged at cost plus 10%.

EQUIPMENT: Use of equipment and vehicles owned by Chester Engineers will be invoiced at fixed daily or weekly rates. A summary of these rates will be provided upon request.

LABORATORY ANALYSES: Analyses performed by outside laboratories will be invoiced as subcontractor costs.

COMMUNICATION AND MISCELLANEOUS REPRODUCTION EXPENSES: In-house costs for postage, photocopying, blueprints and express mail services will be invoiced at company cost.

DIRECT EXPENSES: Charges for rental vehicles, meals, travel, and lodging will be billed at actual costs plus 10%. Personal vehicles will be billed at the IRS approved reimbursement rate.

TRAVEL: Time spent traveling in the interest of the client will be minimized and will be billed at standard hourly rates. The client shall be billed for the time and distance to the client from either the company representative's residence or company's office, whichever is less.

HATCH