



AIA® Document G802® – 2017

Amendment to the Professional Services Agreement

PROJECT: *(name and address)*
SPORTS FIELD COMPLEX FLOOD
MITIGATION
180 SCHOOL ROAD, WILTON,
CONNECTICUT

AGREEMENT INFORMATION:
Date: JUNE 6, 2022

AMENDMENT INFORMATION:
Amendment Number: 001

Date: MARCH 6, 2023

OWNER: *(name and address)*
TOWN OF WILTON
238 DANBURY ROAD
WILTON, CT 06897

ARCHITECT: *(name and address)*
STANTEC CONSULTING SERVICES,
INC.
55 CHURCH STREET
NEW HAVEN, CT 06510

The Owner and Architect amend the Agreement as follows:
AIA Document B104 between the Owner and the Architect dated June 6, 2022 is amended as follows. The Project is expanded to include Phase II (installation of 48" pipe to provide protection for the field for up to a 200 year storm), as described in the Architect's letter dated February 9, 2023, attached to this Amendment as Exhibit A.

The Architect's compensation and schedule shall be adjusted as follows:

Compensation Adjustment:

The Architect's Fee for Phase II will be calculated based on the hourly rates indicated in Exhibit A but not to exceed Seventy Nine Thousand and 00/100 Dollars (\$79,000.00).

Schedule Adjustment:

The parties anticipate a four (4) month construction period for Phase II, as described in Exhibit A.

SIGNATURES:

STANTEC CONSJLTING
SERVICES, INC.

ARCHITECT *(Firm name)*

TOWN OF WILTON

OWNER *(Firm name)*

SIGNATURE

PRINTED NAME AND TITLE

DATE

SIGNATURE
LYNNE VANDERSLICE, FIRST
SELECTWOMAN

PRINTED NAME AND TITLE

DATE



Stantec Consulting Services Inc.
55 Church Street, Suite 601
New Haven CT 06510
Tel: (203) 495-1645
Fax: (203) 495-1652

February 9, 2023

Mr. Steve Pierce, Director
Parks and Recreation
Town of Wilton
180 School Road, Wilton CT, CT 06897

**Reference: Wilton Sports Field Hydraulic Analysis at Tom Fujitani Field
Phase II Improvements
Wilton, CT**

Dear Mr. Pierce:

Stantec Consulting Services is pleased to submit this scope and fee to provide professional engineering design services related to the above noted project. Stantec provided a hydraulic analysis for this area under a previous scope of work. This study phase of the project recommended several options to mitigation flooding for different storm events. **Stantec is under contract with the Town to implement Phase I flood mitigation improvements which involve the installation of a wall/berm, riprap at the channels and an outlet structure (agreement: Sports Field Complex Flood Mitigation, dated June 6, 2022 for a total amount of \$72,000).** It is our understanding that the Town has secured additional funding for Phase II improvements which include the installation of a 48" pipe (or similar) to provide protection for the field for up to the 200-year storm.

Under this scope and fee Stantec will provide the design, permitting and associated construction support for this work (Phase II). It is assumed that the Phase II improvements will be designed and permitted in conjunction with the Phase I improvements and that this proposal will be an amendment to the existing contract. The Detailed scope of services can be found below.

SCOPE OF SERVICES

Survey

Stantec will contract with a surveying firm to obtain field survey for the area where the new pipe is anticipated to be installed. This will involve spot grades, contours, utilities, location of structures and bleacher pad along the vicinity of the pipe corridor. The survey will also include limited research and location of property lines in the vicinity of the proposed work. This does not include a full A-2 survey but limited review of GIS information, previous maps and any visible field markers. The survey will also pick up any additional wetland flags at the pond and drainage swales/ditches as applicable.

Geotechnical Engineering



**Reference: Wilton Sports Field Complex at Fujitani Field Phase II Improvements
Project Scope and Fee**

Stantec will contract with a geotechnical firm to observe the excavation of a minimum of 6 test pits to a depth below the proposed invert of the pipe. The Town will provide the excavator and operator. A representative from Stantec and the geotechnical engineer will be on the site to observe soil and groundwater conditions for a maximum of 4 days. A brief memo outlining design parameters will be provided.

At the same time additional test pits will be dug to review potential utility conflicts. The review of these test pits will not be for geotechnical purposes but strictly for utility conflicts and therefore the geotechnical engineer will not be needed. Only Stantec and a representative of the Town. It is assumed that all test pits will be dug in one day.

Wetland Delineation and Report

The previous Phase I project included flagging wetlands at the watercourse north of the field. A certified soil scientist will visit the site to evaluate the regulatory nature of the pond. This area and any other areas within the vicinity of the project will be reviewed for regulatory purposes. A brief report will be provided outlining the results of the field work by documenting the existing conditions and soils observed within the project area. This report will be included in any regulatory submissions to the Town.

Flood Mitigation Improvement Design

A. Preliminary Design:

Upon review of the survey and geotechnical information, and in association with the previously completed hydraulic analysis, Stantec will provide a preliminary set of documents which will detail the following aspects of the project. This project will be combined with the previous Phase I work in order to have 1 complete flood improvement project which will make the design, permitting and construction support more efficient:

- The new 48" (or equivalent) pipe routing will be laid out. This pipe will connect to the outlet control structure designed in the previous phase.
- Plans will be provided which will include the pipe layout, limits of demolition and lawn establishment, demolition and restoration of items such as fencing and other site items (as necessary), limits of work and associated details. Swales may be required to regrade some of the areas surrounding the pipe location.
- A headwall with scour countermeasures will be designed at the pond outlet.
- Specifications will be provided associated with the proposed work.
- Cost estimate information from this task will be combined with the estimate for the previous contract.



**Reference: Wilton Sports Field Complex at Fujitani Field Phase II Improvements
Project Scope and Fee**

- The following additional plans for the pipe design and route are anticipated to be provided and/or combined with the previous Phase I task:

Existing Conditions
Staging and Demolition Plan
Site Layout and Materials Plan
Grading, Drainage and SEC Plan
Pipe Profile
Structural Details
Site Details

B. Permitting:

After the preliminary plans are reviewed by the Town and comments are incorporated, Stantec will submit the project for local permitting combined with the Phase I work. The following permits are anticipated:

- Inland Wetlands
- Army Corps of Engineers Self Verification (depending on watercourse impacts)

It is anticipated that the pond will be an additional regulated area which was not part of the Phase I project and therefore additional work for the permits is included for Phase II.

C. Construction Documents

After approval of preliminary design documents and permit approvals, Stantec will proceed with finalizing the above noted documents to construction document level. This will include all required structural design and detailing of project elements.

Bidding

Stantec will prepare bid documents for Phase I and Phase II improvements combined. Front end documentation will be provided by the Town. This assumes that no major changes to the standard Town documentation will be required. Stantec will attend a pre-bid meeting. Stantec will review the bids and will offer a recommendation for award.

Construction Administration

After award, Stantec will provide construction administration services. This will be limited to RFI reviews, submittal reviews, change order and payment requisition review. Stantec will also attend weekly meetings for the project. Full construction management and field inspection is not included. A 4-month construction duration is anticipated (previous Phase I



**Reference: Wilton Sports Field Complex at Fujitani Field Phase II Improvements
Project Scope and Fee**

proposal assumed 2 months). Therefore, an additional 16 meetings will be required for Phase II.

Fee Schedule

The fees noted below are in addition to the Phase I fees (Phase I Fees \$72,000)

Survey (allowance)	\$15,000
Geotechnical Investigation (allowance)	\$10,000
Wetlands Evaluation	\$3,000
Preliminary Design	\$16,300
Permitting	\$2,300
Construction Documents	\$14,300
Bidding	\$2,000
Construction Support	\$17,000
Total Phase II	\$79,900 (Total Phase I and II \$151,900)

Exclusions/Clarifications:

- No additional hydraulic models/runs are included. Only minor modifications as they relate to the design of the selected improvements.
- A sediment transport analysis is not included.
- It is assumed that all excavated materials will remain on-site. No environmental testing or disposal of material is included in the design.
- Significant geotechnical measures/design due to a large amount of unsuitable materials is not included

Direct expenses are included in the fees noted above. The work will be billed on an hourly, not to exceed basis in accordance with the hourly rates noted below.

Principal - \$199.00

Senior Engineer/Project Manager - \$159.00

Design with community in mind



February 9, 2022
Steve Pierce
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**Reference: Wilton Sports Field Complex at Fujitani Field Phase II Improvements
Project Scope and Fee**

Engineer - \$135.00

Junior Engineer - \$100.00

We appreciate this opportunity and look forward to working with the Town of Wilton. Should you have any questions or need additional information, please contact me. Thank you.

Very truly yours,

Antonio Di Camillo, PE
Associate

Schedule 1
Wilton Sports Complex Phase II Improvements
Hourly Fee Matrix
3/1/2023

	CIVIL					LABOR	SUBS	TOTAL
	Sr	Principal	Sr	Engineer	Jr			
	Structural		Engineer		Engineer			
	\$159.00	\$199.00	\$159.00	\$135.00	\$100.00			
SUBS								
Survey							\$15,000	\$15,000
Geotech						\$5,000	\$5,000	\$10,000
Wetlands							\$3,000	\$3,000
PD								
Structural	12					\$1,908		\$1,908
Civil Design - Calcs		2	7	16		\$3,671		\$3,671
Civil Drafting		2	4	16	32	\$6,394		\$6,394
Specs		2	6	6	4	\$2,562		\$2,562
Estimate		2	4	4	2	\$1,774		\$1,774
Meetings (4)/tele						\$0		\$0
PD TOTAL								\$16,309
Permits		2	4	6	4	\$2,244		\$2,244
CD								
Structural	8					\$1,272		\$1,272
Civil		2	8	24	34	\$8,310		\$8,310
Meetings (4)/tele						\$0		\$0
Estimate			8	8		\$2,352		\$2,352
Specs			8	8		\$2,352		\$2,352
CD TOTAL								\$14,286
Bidding		2	4	4	4	\$1,974		\$1,974
Construction Admin								
CA RFIs Subs			12	12	8	\$4,328		\$4,328
CA Site Visits (16)			24	40		\$9,216		\$9,216
CA Coordination/Pay App			12	12		\$3,528		\$3,528
CA TOTAL								\$17,072
SUBTOTAL HOURS	20	14	101	156	88			
SUBTOTAL FEE	\$3,180	\$2,786	\$16,059	\$21,060	\$8,800	\$56,885	\$23,000	\$79,885