



STANDARD PROFESSIONAL SERVICES AGREEMENT (Long Form)

NOW ON THIS 4th day of February, 2019, **Snyder & Associates, Inc.**,
2727 SW Snyder Boulevard., Ankeny, IA 50023 (hereinafter, Professional), and
City of Ankeny, Iowa
(hereinafter, Client) do hereby agree as follows:

1. **PROJECT:** Professional agrees to provide Professional Services (Services) for Client's project known and identified as: Wildflower Detention Basin Improvements
2. **SCOPE and FEES:** The Scope of and the fees to be paid for said Services are set forth on Exhibit A attached hereto and by this reference made a part of this Agreement. Any Services not shown on Exhibit A shall be considered Additional Services. Additional Services may only be added by written change order, amendment or supplement to this agreement signed by both parties.
3. **STANDARD OF CARE:** In providing Services under this Agreement, the Professional shall perform in a manner consistent with that degree of care and skill ordinarily exercised by members of the same professional discipline currently practicing under similar circumstances at the same time and in the same or similar locality. Professional makes no warranty, express or implied, as to its professional services rendered under this Agreement.
 - 3.1. Client shall promptly report to Professional any defects or suspected defects in the Professional's Services of which Client becomes aware so that the Professional may take measures to minimize the consequences of such a defect.
 - 3.2. Client further agrees to impose a similar notification requirement on all contractors in its Client/Contractor contract and shall require all subcontracts at any level to contain a like requirement.
 - 3.3. Professional shall correct any reported defects in Professional's Services at Professional's cost.
 - 3.4. No withholdings, deductions or offsets shall be made from the Professional's compensation for any reason unless the professional has been found to be legally liable for such amounts by a court of competent jurisdiction.
4. **CODE COMPLIANCE:** Professional shall exercise usual and customary professional care in its efforts to comply with applicable laws, codes and regulations in effect as of the date of this Agreement. Design changes made necessary by newly enacted laws, codes and regulations after the date of this Agreement shall entitle the Professional to a reasonable adjustment in the schedule and additional compensation in accordance with the Additional Services provision of this Agreement.
 - 4.1. In the event of a conflict between laws, codes and regulations of various governmental entities having jurisdiction over this Project, the Professional shall notify the Client of the nature and impact of such conflict. The Client agrees to cooperate and work with the Professional in an effort to resolve this conflict.

5. **ESTIMATES OF PROBABLE CONSTRUCTION COST:** Should Professional be requested and it is included in the Scope of Services to provide an estimate of probable construction cost, Client understands that the Professional has no control over the cost or availability of labor, equipment or materials, or over market conditions or the Contractor's method of pricing, and that the Professional's estimates of probable construction costs are made on the basis of the Professional's professional judgment and experience. The Professional makes no warranty, express or implied, that the bids or the negotiated cost of the Work will not vary from the Professional's estimate of probable construction cost.
6. **INFORMATION PROVIDED BY OTHERS:** All information, requirements, instructions, criteria, reports, data, findings, plans, specifications, and surveys required by this Agreement and furnished by Client, may be used by Professional in performing its services and Professional is entitled to rely upon the accuracy and completeness thereof. Professional shall not be held responsible for any errors or omissions that may arise as a result of erroneous or incomplete information provided by the Client and/or the Client's consultants and contractors.
7. **TIMELINESS:** Professional will perform its services with reasonable diligence and expediency consistent with sound professional practices.
8. **SCHEDULE OF SERVICES:** Professional is authorized to begin providing the Services as of the date Professional receives a fully executed original signature copy of this Agreement.
 - 8.1. Professional shall complete its services within a reasonable time; or, within the specific period(s) of time, if any, set forth in Exhibit A which are hereby agreed to be reasonable.
 - 8.2. Professional shall not be responsible for delays and/or for damages, if any, arising directly or indirectly from causes beyond the Professional's control. Such causes include, but are not limited to, strikes or other labor disputes; severe weather disruptions or other natural disasters or acts of God; fires, riots, war or other emergencies; failure of any government agency to act in a timely manner; failure by the Client or the Client's contractors or consultants to timely perform; or discovery of any hazardous substances or differing site conditions.
 - 8.3. If Professional is delayed, through no fault of its own, and the orderly and continuous progress of Professional's services is impaired or suspended; or, the Client authorizes or directs changes in the scope, extent, or character of the Project, then the time for the completion of Professional's services, and the rates and amounts of Professional's compensation, shall be equitably adjusted.
 - 8.4. If Professional is unable, through its own fault, to timely complete its services as required in this Agreement, including any adjustments thereto, then Client shall be entitled, as its sole remedy, to the recovery of direct damages, if any, resulting from such failure.
9. **CLIENT'S RESPONSIBILITIES:** Client understands and agrees that it will be responsible for and in a timely manner:
 - 9.1. Provide to Professional, at Client's cost, all known and existing information, plans, specifications and data pertaining to or affecting the Project; all criteria and full information as to Client's requirements for the Project; all construction standards which Client will require to be included in the plans and specifications; copies of all other entities findings and reports generated for Client with respect to this Project; and such other information as may be requested and reasonably required to enable Professional to complete its services under this Agreement.
 - 9.2. Provide for safe access to and make all provisions for Professional to enter upon public and private property as required for Professional to perform its services under this Agreement.

- 9.3. Coordinate the timing and sequence of Professional's services with the services of others to the Project.
- 9.4. Provide reviews, certifications, authorizations, approvals, licenses and permits from all governmental authorities having jurisdiction over the Project or any part thereof and such reviews, certifications, authorizations, approvals, easements, rights-of-way and consents from others as may be necessary for Professional to complete its services under this Agreement.
- 9.5. Give written notice to Professional whenever Client observes or otherwise becomes aware of any Project Site concerns, any defect or nonconformance in the performance of any Contractor or other Consultant working on the Project, or of any other event or development that may affect the scope or time of performance of Professional's services; and, also, give written notice of any defect or nonconformance of Professional's services.
- 9.6. Provide services of an independent testing laboratory to perform all inspections, tests, and approvals of samples, materials, and equipment as may be required prior to the design of the Project, during the design and/or construction of the Project, or upon completion of the Project with appropriate professional interpretation thereof, unless such services are included within Professional's scope of services under this Agreement.
- 9.7. Attend the pre-bid conference, bid opening, pre-construction conferences, construction progress and other job related meetings, and substantial completion and final payment Project Site visits.
10. **INVOICING AND PAYMENTS:** Professional shall prepare invoices in accordance with its standard invoicing practices and submit the invoice(s) to Client on a monthly basis. Client agrees to timely pay each invoice within 30 days of the invoice date.
- 10.1. Payments not paid within said 30 days shall accrue interest on unpaid balances at the rate of 1.5% per month (or the maximum rate of interest permitted by law, if less) from said 30th day. In addition, Professional may, after giving 7 days written notice to Client, suspend services under this Agreement until Professional has been paid in full for Services, interest, expenses and other related charges rendered, accrued, advanced and/or incurred by Professional to the date of suspension. **Client waives any and all claims against Professional arising out of or resulting from said suspension.** Payments will be credited first to accrued interest and then to unpaid principal.
- 10.2. In the event legal action is necessary to enforce the payment terms of this Agreement, Professional shall be entitled to collect from Client and Client agrees to pay to Professional any judgment or settlement sum(s) due, plus reasonable attorneys' fees, court costs and other expenses incurred by Professional for such collection action and, in addition, the reasonable value of the Professional's time and expenses spent for such collection action, computed according to the Professional's prevailing fee schedule and expense policy. The formal mediation requirements in Paragraph 17, Dispute Resolution, shall not apply and are hereby waived for purposes of this subparagraph 10.2.

11. **INDEMNIFICATION:** To the fullest extent permitted by law, the Professional hereby agrees as follows:

11.1. With regard to the professional services performed and to be performed hereunder by or through the Professional, Professional agrees, to the fullest extent permitted by law, to indemnify and hold the Client harmless from any damage, liability or cost (including reasonable attorneys' fees and costs of defense) to the proportionate extent that Claims are caused by Professional's negligent acts, errors or omissions, or willful misconduct. The indemnity obligations provided under this section shall only apply to the extent such Claims are determined by a court of competent jurisdiction or arbitrator to have been caused by the negligence or willful misconduct of Professional or of consultants, subconsultants or anyone for whom the Professional is responsible under this agreement. The Professional shall have no duty to defend but shall reimburse defense costs to the same extent as the overall indemnity obligations herein. These indemnity obligations shall not apply to the extent said Claims arise out of, pertain to, or relate to the negligence of Client or Client's agents, or other independent contractors, including the contractor, subcontractors of contractor or other consultants of Client, or others who are directly responsible to Client, or for defects in design or construction furnished by those persons and/or entities.

11.2. With regard to any acts or omissions of the Professional in connection with this Agreement which do not comprise professional services, the Professional further agrees to indemnify, defend and hold harmless the Client from and against any and all claims, demand actions, causes of action, losses, liabilities, costs, reasonable attorneys' fees and litigation expenses (all of the foregoing being hereinafter individually and collectively called "claims") provided that any such claim is attributable to bodily injury, death, or property damage suffered or incurred by, or asserted against, the Indemnified Parties to the extent, but only to the extent, that the claims are the result of any negligent act or omission by the Professional, its consultants or subconsultants or anyone for whom the Professional is responsible under this agreement, excluding, however, bodily injury, death or property damage arising out of the rendering or failure to render any professional services by the Professional (which is covered by subparagraph 11.1 above).

11.3. To the fullest extent permitted by law, the Client agrees to indemnify and hold Professional harmless from any loss, damage, liability or cost (including reasonable attorneys' fees and costs of defense) to the extent caused by the Client's willful misconduct or negligent acts, errors or omissions.

11.4. Neither Client nor Professional shall be obligated to indemnify the other party in any manner whatsoever for the other party's own negligence or willful misconduct or for the negligence or willful misconduct of others.

12. **MUTUAL WAIVERS:** Notwithstanding any other provision of this Agreement, and to the fullest extent permitted by law, neither the Client nor the Professional, their respective officers, directors, partners, employees, contractors or subconsultants shall be liable to the other or shall make any claim for any incidental, indirect or consequential damages arising out of or connected in any way to the Project or to this Agreement.

13. **OWNERSHIP OF INSTRUMENTS OF SERVICE:** The Client acknowledges the Professional's plans, specifications, and other documents, including electronic files, as the work papers of the Professional and the Professional's instruments of professional service. Nevertheless, the final printed hard copy construction documents prepared under this Agreement shall become the property of the Client upon completion of the services and payment in full of all monies due to the Professional. The Client shall not reuse or make any modification to the construction documents without the prior written authorization of the Professional. The Client agrees, to the fullest extent permitted by law, to defend, indemnify and hold harmless the Professional, its officers, directors, employees and subconsultants (collectively, Professional) against any damages, liabilities or costs, including reasonable attorneys' fees and defense costs, arising from or allegedly arising from or in any way connected with the unauthorized reuse or modification of the construction documents by

the Client or any person or entity that acquires or obtains the construction documents from or through the Client without the written authorization of the Professional.

13.1. Under no circumstances shall the transfer of said instruments of service be deemed a sale by the Professional, and the Professional makes no warranties, either express or implied, of merchantability and fitness for any particular purpose, nor shall such transfer be construed or regarded as any waiver or other relinquishment of the Professional's copyrights in any of the foregoing, full ownership of which shall remain with the Professional, absent the Professional's express prior written consent.

13.2. Should Professional agree to delivery of electronic files to Client, Client agrees, as a condition precedent, to sign Professional's Electronic Media Transfer Agreement prior to said delivery and further agrees that such delivery is for convenience, not reliance by the receiving party.

13.3. The Client is aware that differences may exist between the electronic files delivered and the printed hard-copy construction documents. In the event of a conflict between the signed construction documents prepared by the Professional and the electronic files, the signed or sealed hard-copy construction documents shall govern.

13.4. The Client agrees not to reuse these electronic files, in whole or in part, for any purpose other than for the Project. The Client agrees not to transfer any of the delivered electronic files to others without the prior written consent of the Professional. The Client further agrees to waive all claims against the Professional resulting in any way from any unauthorized changes to or reuse of the electronic files for any other project by anyone other than the Professional.

14. **CERTIFICATIONS, GUARANTEES AND WARRANTIES:** The Professional shall not be required to sign any documents, no matter by whom requested, that would result in the Professional's having to certify, guarantee or warrant the existence of conditions whose existence the Professional cannot ascertain or in the sole judgment of the Professional, increase the Professional's risk or the availability or cost of its professional or general liability insurance. The Client also agrees not to make resolution of any dispute with the Professional or payment of any amount due to the Professional in any way contingent upon the Professional signing any such certification.

15. **RIGHT TO RETAIN SUBCONSULTANTS:** The Professional may engage the services of any professional as a subconsultant when, in the Professionals' sole opinion, it is appropriate to do so. Such subconsultants may include both general and specialized professional services deemed necessary by the Professional to carry out the scope of the Professional's services. Professional shall not be required by the Client to retain any subconsultant not fully acceptable to the Professional.

16. **SUSPENSION OF SERVICES:** If the Project or the Professional's services are suspended by the Client for more than thirty (30) calendar days, consecutive or in the aggregate, over the term of this Agreement, the Professional shall be compensated for all services performed and reimbursable expenses incurred prior to the receipt of notice of suspension. In addition, upon resumption of services, the Client shall compensate the Professional for expenses incurred as a result of the suspension and resumption of its services, and the Professional's schedule and fees for the remainder of the Project shall be equitably adjusted.

16.1. If the Professional's services are suspended for more than ninety (90) days, consecutive or in the aggregate, the Professional may terminate this Agreement upon giving not less than seven (7) calendar days' written notice to the Client.

16.2. If the Client is in breach of the payment terms or otherwise is in material breach of this Agreement, the Professional may suspend performance of services upon seven (7) calendar days' notice to the Client. The Professional shall have no liability to the Client, and the Client agrees to make no claim for any delay

or damage as a result of such suspension caused by any breach of this Agreement by the Client. Upon receipt of payment in full of all outstanding sums due from the Client, or curing of such other breach which caused the Professional to suspend services, the Professional will resume services and there shall be an equitable adjustment to the remaining project schedule and fees as a result of the suspension.

17. **DISPUTE RESOLUTION:** In an effort to resolve any conflicts that arise during the design and construction of the Project or following the completion of the Project, the Client and the Professional agree that all disputes between them shall be negotiated in good faith for a reasonable period of time. If the parties fail to resolve all of the issues, then those issues not so resolved shall be submitted to formal nonbinding mediation prior to either party exercising their rights under the law. Each party shall be responsible for their own attorney fees, mediation costs and litigation costs. The cost of the mediator shall be shared equally by the parties.

17.1. The Client and the Professional shall endeavor to include a similar mediation provision in all agreements with independent contractors and consultants retained for the Project and to encourage all independent contractors and consultants also to include a similar mediation provision in all agreements with their subcontractors, subconsultants, suppliers and fabricators, thereby providing for mediation, prior to the exercise of their respective legal rights, as the primary method for dispute resolution among the parties to all those agreements.

17.2. The Client and the Professional agree that this Agreement and any legal actions concerning its validity, interpretation and/or performance shall be governed by the laws of the State of Iowa without regard to any conflict of laws provisions, which may apply the laws of other jurisdictions.

17.3. It is further agreed that any legal action between the Client and the Professional arising out of this Agreement or the performance of the services shall be brought in a court of competent jurisdiction in the State of Iowa.

18. **TERMINATION:** In the event of termination of this Agreement by either party, the Client shall within fifteen (15) calendar days of termination pay the Professional for all services rendered and all reimbursable costs incurred by the Professional up to the date of termination, in accordance with the payment provisions of this Agreement.

18.1. The Client may terminate this Agreement for the Client's convenience and without cause upon giving the Professional not less than seven (7) calendar days' written notice.

18.2. Either party may terminate this Agreement for cause upon giving the other party not less than seven (7) calendar days' written notice for any of the following reasons:

18.2.1. Substantial failure by the other party to perform in accordance with the terms of this Agreement and through no fault of the terminating party;

18.2.2. Assignment of this Agreement or transfer of the Project by either party to any other entity without the prior written consent of the other party;

18.2.3. Suspension of the Project or the Professional's services by the Client for more than ninety (90) calendar days, consecutive or in the aggregate;

18.2.4. Material changes in the conditions under which this Agreement was entered into, the Scope of Services or the nature of the Project, and the failure of the parties to reach agreement on the compensation and schedule adjustments necessitated by such changes.

18.3. In the event of any termination that is not the fault of the Professional, the Client shall pay the Professional, in addition to payment for services rendered and reimbursable costs incurred, for all expenses reasonably incurred by the Professional in connection with the orderly termination of this Agreement, including demobilization associated overhead costs and all other expenses directly resulting from the termination.

19. **THIRD-PARTY BENEFICIARIES:** Nothing contained in this Agreement shall create a contractual relationship with or a cause of action in favor of a third party against either the Client or the Professional. The Professional's services under this Agreement are being performed solely for the Client's benefit, and no other party or entity shall have any claim against the Professional because of this Agreement or the performance or nonperformance of services hereunder.

20. **ASSIGNMENT:** Neither party to this Agreement shall transfer, sublet or assign any rights or duties under or interest in this Agreement, including but not limited to monies that are due or monies that may be due, without the prior written consent of the other party. Subcontracting to subconsultants, normally contemplated by the Professional as a generally accepted business practice, shall not be considered an assignment or sublet for purposes of this Agreement (See paragraph 15 above).

21. **SEVERABILITY AND SURVIVAL:** If any term or provision of this Agreement is held to be invalid or unenforceable under any applicable statute or rule of law, such holding shall be applied only to the provision so held, and the remainder of this Agreement shall remain in full force and effect. Notwithstanding completion or termination of this Agreement for any reason, all rights, duties and obligations of the parties to this Agreement shall survive such completion or termination and remain in full force and effect until fulfilled.

22. **ENTIRE AGREEMENT AND MODIFICATIONS:** This Agreement and the following Exhibits which are incorporated by this reference and made a part of this Agreement:

Exhibit A Scope of Services

Exhibit C Standard Fee Schedule

Exhibit B Insurance Requirements

Exhibit

contain the entire understanding between the Parties, superseding all prior or contemporaneous communications, agreements, and understandings between the Parties with respect to the subject matter hereof. This Agreement may not be modified in any manner except by written amendment, addendum, change order, or supplement executed by both Parties.

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed by their duly authorized representatives to be effective as of the day and year first above written.

CITY OF ANKENY, IOWA (Client)

SNYDER & ASSOCIATES, INC. (Professional)

By: _____
(Authorized agent)

By:  _____
(Authorized agent)

(Printed or typed signature)


(Printed or typed signature)

Route executed copy to:

EXHIBIT A

SCOPE OF SERVICES

I. SCOPE OF WORK

A. GENERAL

The purpose of the Wildflower Detention Basin Improvements Project is to modify the basin configuration and outlet structure to improve basin performance. Improvements include replacement of the basin outlet; repair of the auxiliary overflow; removal of accumulated sediment and expansion of the shoreline to increase basin storage, reduce basin overflows, and improve treatment of water quality; and upgrading the dam facilities to meet current DNR Dam Standards. The PROFESSIONAL shall provide Professional Services as required to complete the PROJECT and as described hereinafter as follows:

B. BASIC PROFESSIONAL SERVICES

The PROFESSIONAL will provide the Preliminary Engineering Services as follows. Payment shall be made as specified in Article III of this Agreement.

1. PROJECT ADMINISTRATION

The PROFESSIONAL shall perform the following administrative services during the design of the PROJECT:

- a. Progress reports as requested to the CLIENT.
- b. Monthly billing reports.
- c. Project coordination for engineering and coordination with the CLIENT, and design professionals.
- d. Project design review.

2. TOPOGRAPHIC SURVEY

The PROFESSIONAL shall provide topographic survey within the project limits to supplement the previously completed survey. This service includes:

- a. A hydrographic survey necessary for establishing contours and spot elevations within the pond. To supplement conventional survey methods, the PROFESSIONAL may utilize an echo sounder for single-beam water depths. This echo sounder can be mounted either on a flat-

bottom boat or a HyDrone Autonomous Survey Vehicle (ASV). The ASV is a portable, remotely controlled and autonomous catamaran platform developed for hydrographic survey applications. Cross sections will be provided at 50-foot intervals on a grid pattern. These cross sections will be taken to create a topography map showing surface changes, break in slope, tops, toes and at each abrupt change in the terrain.

- b. The PROFESSIONAL shall provide known existing utility information based on record information, surface evidence, as-built drawings, and utility company field locates. This service includes contacting Iowa One Call, following Chapter 480 of the Iowa Code, to locate existing public utilities on the site; perform a field survey locating visible utilities and the location of below-grade utility locates by Iowa One Call. Private utility locates are not included with this service and if known will be shown as map location. Specific information required for that purpose should be provided by a specific scope of services. However, this service can be provided upon request with additional fees. This service of utilities shown in conjunction with ASCE Standard CI/ASCE 38-02 constitute a Quality Level “C” Subsurface Utility Engineering survey as outlined below.

3. DAM HYDRAULIC ANALYSIS

- a. The PROFESSIONAL will perform a hydrologic/hydraulic analysis for the Wildflower Detention Basin to determine the ability of the pond to meet current Iowa DNR dam safety standards for a low hazard category with the proposed improvements.
- b. Evaluate the ability of the Wildflower Detention Basin to pass the Iowa DNR Design Flood with the proposed changes in place.
- c. If the Iowa DNR classifies this basin as a moderate hazard dam and the proposed improvements do not satisfy the Iowa DNR requirements to retain the 50-year storm without engaging the auxiliary spillway, the PROFESSIONAL will provide recommendations to armor the downstream side of the dam in order to allow the dam to be permitted.
- d. A dam breach analysis is not included. If required by the Iowa DNR, this service will be provided as an Additional Service.

4. ENVIRONMENTAL SERVICES

- a. Wetland and stream delineations for this site were previously completed.

- b. The PROFESSIONAL will coordinate with US Army Corps of Engineers to obtain a Jurisdictional Determination of the delineated wetland areas.
- c. Further environmental services including wetland mitigation and endangered species review are not included. If required, these services will be provided as Additional Services.

5. PERMITTING

- a. Pre-application coordination with Iowa DNR Dam Safety on criteria and options.
- b. Prepare appropriate Dam Permit application forms and submit to Iowa DNR.
- c. The Joint Permit application will be submitted to the USACE. The PROFESSIONAL will act as the Authorized Agent throughout the permitting process. During this process, the PROFESSIONAL staff will respond to inquiries from USACE. This task assumes that a Nationwide Permit (NWP) will be obtained from the USACE with no mitigation, however, the PROFESSIONAL will consult with the USACE prior to submittal of the joint application to determine if an NWP is appropriate for the proposed design action. The permitting does not include the cost of completing archaeological services that may be required by USACE or Iowa DNR. If required, these services will be provided as Additional Services.
- d. Post-application coordination.

6. FINAL DESIGN & CONTRACT DOCUMENTS

- a. The PROFESSIONAL shall prepare contract documents for the PROJECT. The plans shall include, but not be limited to, the following information: Preparing dam improvement plans necessary for constructing the PROJECT based on Iowa DNR's dam safety feedback and guidance. This phase will also involve the development of project details, general notes, final plan and profile drawings, construction limits, control reference notes, initial stormwater pollution prevention plan, and coordination.
- b. The PROFESSIONAL shall prepare contract documents for construction of the improvements in accordance with the Iowa DNR, SUDAS, and CLIENT requirements.

- c. Probable Costs - The PROFESSIONAL shall prepare a statement of the total probable cost for the PROJECT based upon the design developed. Statements of probable construction costs prepared by the PROFESSIONAL represent the best judgment as a design professional familiar with the construction industry. It is recognized, however, that the PROFESSIONAL has no control over the cost of labor, materials or equipment, over the Contractor's methods of determining bid prices, or over competitive bidding or market conditions. Accordingly, the PROFESSIONAL does not guarantee that any actual cost will not vary from any cost estimate prepared by the PROFESSIONAL.

7. BID ASSISTANCE

Upon receipt of authorization by the CLIENT to set the date of the bid letting for the PROJECT, the PROFESSIONAL shall answer questions from potential contractors, subcontractors, and suppliers; determine the need for and issue addenda, and coordinate with CLIENT. The PROFESSIONAL shall supply the necessary documents to bidders for letting purposes. The PROFESSIONAL shall issue addenda as appropriate to clarify, correct or modify the Contract Documents. The PROFESSIONAL shall attend the meeting at which bids are received, shall tabulate the bids and make recommendations to the CLIENT, in writing, regarding the award of the construction contract.

8. GEOTECHNICAL INVESTIGATION

- a. The PROFESSIONAL shall perform the soils and materials testing for the soils investigation on the project. This includes two (2) suitable borings to depths of approximately 30 feet below the top of the existing dam.
- b. Laboratory testing would include visual classification in accordance with the Unified Soil Classification System, moisture content tests, dry unit weight determination, unconfined compressive strength tests, calibrated hand penetrometer tests, Atterberg limits tests, and grain size classification.
- c. The Geotechnical Evaluation and Report will include a slope stability analysis of the existing embankment and recommended improvements if necessary.
- d. The Geotechnical Evaluation and Report would include computer-generated boring logs with soil stratification based upon visual soil classification, summarized laboratory data on the boring logs, groundwater levels observed during and shortly after completion of drilling, boring location diagram, subsurface exploration procedures, subsurface soil conditions, and soil parameters including cohesion, friction angle, and unit weights.

C. CONSTRUCTION SERVICES

If desired, construction services shall be performed under a separate Agreement or Amendment.

D. ADDITIONAL SERVICES

The CLIENT may request Additional Services from the PROFESSIONAL not included in the Scope of Services as outlined. Additional Services may include, but not be limited to, expanding the scope of the PROJECT and work to be completed, requesting the development of various documents, or requesting additional work items that increase the Professional Services and corresponding costs. Additional Services shall be performed as requested in writing by the CLIENT on an hourly basis in accordance with the current fiscal year Snyder & Associates, Inc. Standard Fee Schedule in effect at the time of actual performance. All services quoted on a lump sum basis shall be valid for one year from the contract date.

Additional services may include, but are not limited to:

- Additional surveying beyond the scope, such as:
 - Utility verifications
 - Boundary, monument preservation and property pin surveys and calculations
- Utility relocation coordination, planning, and design
- Right-of-way services (including any easement needs and plats)
- Public involvement and assistance, such as project informational meetings, coordination, and communication with residents
- Additional analysis related to permitting of the dam, such as:
 - Additional hydrologic modeling beyond estimated scope
 - Dam breach analysis
 - Stream assessments and modeling
 - Dam management, maintenance, and/or emergency response plans
- Additional environmental services, as necessary:
 - Cultural resources investigation
 - USACE Individual Permit
 - 404 (b)(1) Alternatives Analysis
 - Threatened and endangered species reviews and surveys
 - Mitigation plans and wetland monitoring

E. STORMWATER DISCHARGE COMPLIANCE / HOLD HARMLESS

1. PROFESSIONAL'S Responsibility

In the event the scope of work to be performed under the terms and conditions of this Agreement includes permitting and creation of an initial Storm Water Pollution Prevention Plan, then and in that event and notwithstanding any provision to the contrary, the PROFESSIONAL shall not be responsible or liable for compliance with any stormwater discharge requirements at the site other than the preparation and submittal of the Notice of Intent for Storm Water Discharge Permit No. 2 applicable to the site and creation of the initial Storm Water Pollution Prevention Plan for the site.

2. CLIENT’S Responsibility

CLIENT shall be solely responsible for: a) the implementation, administration and monitoring of the initial plan; b) making modifications to the initial plan as needed; c) filing the Notice of Discontinuance; and, d) compliance with all NPDES or stormwater discharge statutes, rules, regulations or ordinances applicable to the site. The PROFESSIONAL will include the initial Storm Water Pollution Prevention Plan as a part of the Contract Documents.

3. Indemnification

PROFESSIONAL agrees, to the fullest extent permitted by law, to indemnify and hold CLIENT harmless against all damages, liabilities or costs including reasonable attorneys’ fees and defense costs (hereafter “Claims”) to the extent caused by PROFESSIONAL’S errors, omissions or negligent acts relating to the preparation of the Notice of Intent or creation of the initial Storm Water Pollution Prevention Plan. CLIENT shall protect, defend, indemnify and hold PROFESSIONAL harmless from any and all Claims caused by or in any manner related to: a) any discharges of soil, silt, sediment, petroleum product, hazardous substances or solid waste from the site; and/or b) any alleged violation of any NPDES or stormwater discharge statute, rule, regulation or ordinance, unless said Claims were primarily caused by the PROFESSIONAL’S own negligent acts. CLIENT shall release, waive and otherwise discharge any and all Claims that CLIENT may assert against PROFESSIONAL relating, in any manner, to any discharges from the Site and/or any alleged violation of any NPDES or stormwater discharge statute, rule, regulation or ordinance except as set forth above. The covenants and provisions herein shall survive cessation of PROFESSIONAL’S work on the site.

II. WORK SCHEDULE

The PROJECT, from the authorization of this Agreement through the final design of the PROJECT, shall be performed by the PROFESSIONAL in accordance with a schedule mutually developed by the CLIENT and PROFESSIONAL.

- A. The PROFESSIONAL shall not be responsible for delays in the schedule which are beyond the PROFESSIONAL's control.
- B. Anticipated project milestone schedule:

Notice to Proceed	February 4, 2019
Geotechnical Investigation	April 15, 2019
Topographic Survey	April 12, 2019
Environmental Services	April 15, 2019
Dam Hydraulic Analysis	April 26, 2019
Pre-Application Permit Coordination	May 12, 2019
Final Design & Contract Documents	June 7, 2019
Iowa DNR Permit Approval	August 2, 2019
Set Public Hearing & Bid Date	November 18, 2019
Bid Letting	December 10, 2019
Contract Award	December 16, 2019

III. COMPENSATION AND TERMS OF PAYMENT

The CLIENT shall pay the PROFESSIONAL in accordance with the terms and conditions of the Agreement. Fees will be on the basis of hourly rates and fixed expenses as outlined in the PROFESSIONAL's Standard Fee Schedule. The current fee schedule is shown in the attached Exhibit "C". Total fees shall not exceed the following unless Additional Services are added by a written change order, amendment, or supplemental agreement signed by both parties.

A. BASIC SERVICES

1. Project Administration	\$ 6,000
2. Topographic Survey	\$ 4,500
3. Dam Hydraulic Analysis	\$ 8,400
4. Environmental Services	\$ 2,500
5. Permitting	\$ 4,600
6. Final Design & Contract Documents	\$ 23,200
7. Bid Assistance	\$ 2,400
8. Geotechnical Investigation	\$10,000
PROJECT TOTAL	\$ 61,600

B. CONSTRUCTION SERVICES

1. Construction Administration (By Amendment)
2. Construction Observation (By Amendment)

C. ADDITIONAL SERVICES

The PROFESSIONAL fees will be based on the current hourly rates and fixed expenses. The estimated PROFESSIONAL costs as provided to the CLIENT represents a probable budget amount. The CLIENT will be billed for actual direct hours and if the PROFESSIONAL believes the budgetary figures will be exceeded, the CLIENT will be promptly notified by the PROFESSIONAL.

Exhibit B

City of Ankeny Insurance Requirements for Professional Services

A) COMMERCIAL GENERAL LIABILITY

General Aggregate Limit	\$ 2,000,000
Products-Completed Operations Aggregate Limit	\$ 1,000,000
Personal and Advertising Injury Limit	\$ 1,000,000
Each Occurrence	\$ 1,000,000
Fire Damage Limit (any one occurrence)	\$ 50,000
Medical Payments	\$ 5,000

- a) Coverage shall be written on an occurrence, not claims made, form. All deviations from the standard ISO commercial general liability form CG 0001, or Business owners form BP 0002, shall be clearly identified.
- b) Include ISO endorsement form CG 25 04 "Designated Location(s) General Aggregate Limit" or CG 25 03 "Designated Construction Project (s) General Aggregate Limit" as appropriate.
- c) Include endorsement indicating that coverage is primary and non-contributory.
- d) Include endorsement to preserve Governmental Immunity. (Sample attached).
- e) Include an endorsement that deletes any fellow employee exclusion.
- f) Include additional insured endorsement for:
The City of Ankeny, including all its elected and appointed officials, all its employees and volunteers, all its boards, commissions and/or authorities and their board members, employees and volunteers. Use ISO form CG 2026.

B) AUTOMOBILE LIABILITY

\$ 1,000,000 (Combined Single Limit)

C) WORKERS' COMPENSATION & EMPLOYERS LIABILITY

Statutory benefits covering all employees injured on the job by accident or disease as prescribed by Iowa Code Chapter 85 as amended.

Coverage A	Statutory – State of Iowa
Coverage B	Employers Liability

Each Accident	\$100,000
Each Employee-Disease	\$100,000
Policy Limit-Disease	\$500,000

Policy shall include an endorsement providing a waiver of subrogation to the City of Ankeny. Coverage B limits shall be greater if required by Umbrella Carrier.

D) UMBRELLA LIABILITY

\$ 2,000,000

Umbrella liability coverage must be at least following form with the underlying policies included herein.

E) PROFESSIONAL LIABILITY

\$ 2,000,000

- The Contractor shall maintain Errors and Omissions Liability covering negligent acts, errors and/or omissions, including design errors of the Contractor for damage sustained by reason of or in the course of operations under this Contract. ~~The policy/coverages shall be amended to include the following:~~

~~Amendment of any Contractual Liability Exclusion to state: "This exclusion does not apply to any liability of others which you assume under a written contract provided such liability is caused by your negligent acts."~~

- In the event that any professional liability insurance required by this Contract is written on a claims-made basis, Contractor warrants that any retroactive date under the policy shall precede the effective date of this Contract; and that either continuous coverage will be maintained or an extended discovery period will be exercised for a period of three (3) years beginning at the time work under this Contract is completed.
- Policy shall contain a waiver of subrogation against the City of Ankeny.

F) CONTRACTOR'S ENVIRONMENTAL LIABILITY

\$ 2,000,000

- Applicable if Professional Services performed includes Environmental activities included but not limited to: use or application of hazardous materials, environmental testing, monitoring, assessment or cleanup, transportation of hazardous materials, pesticide spraying and certain recycling and waste reduction activities.

City of Ankeny Insurance Requirements for Professional Services

1. Professional shall furnish a signed Certificate of Insurance to the City of Ankeny, Iowa for the coverage required in Exhibit I prior to commencing work and at the end of the project if the term of work is longer than 60 days. Providers presenting annual certificate shall present a Certificate at the end of each project with the final billing. Each Certificate shall be prepared on the most current ACORD form approved by the Iowa Department of Insurance or an equivalent. Each certificate shall include a statement under Description of Operations as to why issued. Eg: Project #_____ or Lease of premises at _____ or construction of _____.
2. All policies of insurance required hereunder shall be with a carrier authorized to do business in Iowa and all carriers shall have a rating of A or better in the current A.M. Best's Rating Guide.
3. Each Certificate shall be furnished to the contracting department of the City of Ankeny.
4. Failure to provide minimum coverage shall not be deemed a waiver of these requirements by the City of Ankeny. Failure to obtain or maintain the required insurance shall be considered a material breach of this agreement.
5. Subcontractors and sub subcontractor performing work or service shall provide a Certificate of Insurance in accord with Exhibit B.
6. All required endorsements to various policies shall be attached to Certificate of Insurance.
7. Whenever a specific ISO form is listed, an equivalent form may be substituted subject to the provider identifying and listing in writing all deviations and exclusions that differ from the ISO form.
8. Provider shall be required to carry the minimum coverage/limits, or greater if required by law or other legal agreement, in Exhibit B.
9. Whenever an ISO form is referenced the current edition of the form must be used.
10. By requiring such insurance, the City of Ankeny shall not be deemed or construed to have assessed the risk that may be applicable to the Contractor its agents, representatives, employees or sub-consultants under this Contract. The insurance requirements herein for this Contract in no way limit the indemnity covenants contained in the Contract.
11. The City of Ankeny in no way warrants that the limits contained herein are sufficient to protect the Contractor from liabilities that might arise out of the performance of the work under this Contract by the Contractor, its agents, representatives, employees, or subcontractors. The Contractor shall assess its own risks and if it deems appropriate and/or prudent, maintain higher limits and/or broader coverages. The Contractor is not relieved of any liability or other obligations assumed or pursuant to the Contract by reason of its failure to obtain or maintain insurance in sufficient amounts, duration, or types.

City of Ankeny Insurance Requirements for Professional Services

Preservation of Governmental Immunities Endorsement

1. Nonwaiver of Governmental Immunity. The insurance carrier expressly agrees and states that the purchase of this policy and the including of the City of Ankeny, Iowa as an Additional Insured does not waive any of the defenses of governmental immunity available to the City of Ankeny, Iowa under Code of Iowa Section 670.4 as it now exists and as it may be amended from time to time.
2. Claims Coverage. The insurance carrier further agrees that this policy of insurance shall cover only those claims not subject to the defense of governmental immunity under the Code of Iowa Section 670.4 as it now exists and as it may be amended from time to time. Those claims not subject to Code of Iowa Section 670.4 shall be covered by the terms and conditions of this insurance policy.
3. Assertion of Governmental Immunity. The City of Ankeny, Iowa shall be responsible for asserting any defense of governmental immunity, and may do so at any time and shall do so upon the timely written request of the insurance carrier.
4. Non-Denial of Coverage. The insurance carrier shall not deny coverage under this policy and the insurance carrier shall not deny any of the rights and benefits accruing to the City of Ankeny, Iowa under this policy for reasons of governmental immunity unless and until a court of competent jurisdiction has ruled in favor of the defense(s) of governmental immunity asserted by the City of Ankeny, Iowa.

No Other Change in Policy. The above preservation of governmental immunities shall not otherwise change or alter the coverage available under this policy.

Exhibit C

SNYDER & ASSOCIATES, INC. 2018-19 STANDARD FEE SCHEDULE

Billing Classification/Level		Billing Rate	
Professional			
Engineer, Landscape Architect, Land Surveyor, Legal, GIS, Environmental Scientist Project Manager, Planner, Right-of-Way Agent, Graphic Designer			
Principal II		\$202.00	/hour
Principal I		\$191.00	/hour
Senior		\$171.00	/hour
VIII		\$158.00	/hour
VII		\$150.00	/hour
VI		\$144.00	/hour
V		\$134.00	/hour
IV		\$124.00	/hour
III		\$113.00	/hour
II		\$103.00	/hour
I		\$90.00	/hour
Technical			
Technicians--CADD, Survey, Construction Observation			
Lead		\$121.00	/hour
Senior		\$116.00	/hour
VIII		\$108.00	/hour
VII		\$100.00	/hour
VI		\$89.00	/hour
V		\$80.00	/hour
IV		\$74.00	/hour
III		\$62.00	/hour
II		\$54.00	/hour
I		\$47.00	/hour
Administrative			
II		\$62.00	/hour
I		\$50.00	/hour
Reimbursables			
Mileage		current IRS standard rate	
Outside Services		As Invoiced	