

**AMENDMENT NO. 1  
TO THE PROFESSIONAL SERVICES AGREEMENT  
SOUTH ANKENY BOULEVARD IMPROVEMENTS – SE PETERSON DRIVE TO 1<sup>ST</sup>  
STREET  
ANKENY, IOWA**

This Amendment entered into this 6th day of May, 2024 to the Professional Services Agreement dated May 15, 2023, by and between the City of Ankeny, Iowa, a municipal corporation, hereinafter referred to as the “CLIENT”, and Snyder & Associates, Inc., hereinafter referred to as the “PROFESSIONAL”.

This Amendment is associated with the additional Preliminary Design Services and Final Design Services for the South Ankeny Boulevard Improvements – SE Peterson Drive to 1<sup>st</sup> Street project, hereinafter referred to as the “PROJECT”.

Now, therefore, it is hereby agreed by and between the parties hereto that the Agreement for Professional Services be amended as follows:

**ARTICLE I., SCOPE OF WORK, SECTION A. PROJECT DESCRIPTION,** add the following Subsection:

PROFESSIONAL shall complete final design services through the Iowa DOT’s bid letting for the PROJECT.

**ARTICLE I., SCOPE OF WORK, SECTION B. PRELIMINARY PROFESSIONAL SERVICES,** add the following Subsections.

1A. TOPOGRAPHIC SURVEY AND BASE DRAWINGS – ADDITIONAL DESIGN SERVICES

- a. During the development of the geometric design, additional expanded project limits were added to include an eastbound right turn lane at Ankeny Boulevard and 1<sup>st</sup> Street. The PROFESSIONAL was directed to:
  - i. Perform additional topographic survey of the existing median, pavement, jointing, driveways, trees, utilities, and adjacent properties.
- b. After the development and approval of the preliminary geometric design, revisions were directed to be made to the roadway median between SE Peterson Drive and 3<sup>rd</sup> Street intersection and the westbound right turn lane length increase at SE Peterson Drive. The PROFESSIONAL was directed to:

- i. Perform additional topographic survey of the pavement, jointing, driveways, parking lots, utilities, and adjacent properties.

2A. TRAFFIC STUDY AND TSIP FUNDING APPLICATION – ADDITIONAL DESIGN SERVICES

- a. During the development of the traffic study phase, additional analysis, evaluation, traffic modeling, memorandum preparation, Iowa DOT coordination, and support services were performed. The PROFESSIONAL was directed to:
  - i. Analyze median breaks for access points within the study area and include additional analysis and narrative in the traffic study.
  - ii. Revise the TSIP application related to the request to include the median break analysis.
  - iii. Analyze the diverted left turn lanes and U-turns, count traffic for businesses, prepare a technical memorandum draft, perform analysis using SimTraffic, and perform multiple review iterations based on CLIENT comments.

**ARTICLE I., SCOPE OF WORK, SECTION C. BASIC PROFESSIONAL SERVICES**, add the following Subsections.

1. PROJECT ADMINISTRATION AND MANAGEMENT

PROFESSIONAL shall continue to perform administrative services during the final design and development of the PROJECT as identified in the original Agreement. Project Management Team (PMT) Meetings are anticipated to occur on a monthly basis. PROFESSIONAL shall provide support services to the Iowa DOT Right of Way Bureau during ROW design and acquisition phase services, performed by Iowa DOT. This may include design interpretation, field visits, and property owner coordination.

4A. PRELIMINARY TRAFFIC SIGNAL DESIGN AND CONSTRUCTION PLANS – ADDITIONAL DESIGN SERVICES

- a. After the development and approval of the preliminary geometric design, the addition of a traffic signal at the intersection of South Ankeny Boulevard and SE Peterson Drive was implemented into the design. The PROFESSIONAL was directed to:
  - i. Design a preliminary layout of the traffic signal and associated equipment.
  - ii. Develop and prepare plan sheets identifying the traffic signal design and layout.

5A. RIGHT-OF-WAY (D5) DESIGN AND CONSTRUCTION PLANS (ROADWAY AND UTILITIES) – ADDITIONAL DESIGN SERVICES

- a. During the development of the geometric design, additional expanded project limits were added to include an eastbound right turn lane at Ankeny Boulevard and 1<sup>st</sup> Street. The PROFESSIONAL was directed to:
  - i. Perform truck turning movement to establish acceptable geometry.
  - ii. Design new geometrics and utility review for the right turn lane and adjacent pavement replacement. Plan development and preparation tasks including, but not limited to:
    1. Typical sections
    2. Plan and profile sheets
    3. Removal sheet
    4. Traffic control and staging sheets
    5. Cross section sheets
  - iii. Review project staging and prepare traffic control notes and plans to construct the new pavement while maintaining traffic.
  - iv. Review of temporary traffic signalization to facilitate the staged construction.
  - v. Corridor modeling of the right turn lane and adjacent pavement replacement
  - vi. Evaluate property impacts and coordinate with the Iowa DOT ROW design team.
  - vii. Perform quantity calculations and cost estimating.
  
- b. After the development and approval of the preliminary geometric design, revisions were directed to be made to the roadway median between SE Peterson Drive and 3<sup>rd</sup> Street intersections, and the westbound right turn lane length increase at SE Peterson Drive. The PROFESSIONAL was directed to:
  - i. Provide revised design and geometric layout. Plan development and preparation tasks including, but not limited to:
    1. Typical sections
    2. Plan and profile sheets
    3. Removal sheets
    4. Business access driveway designs
    5. Traffic control and staging sheets
    6. Cross section sheets

- ii. Corridor modeling of the expanded right turn lane and adjacent pavement, sidewalk, and driveway replacement.
  - iii. Evaluate property impacts and coordinate with Iowa DOT ROW design team.
  - iv. Revise quantity calculations and cost estimating.
- c. After the development and approval of the preliminary geometric design, the addition of a traffic signal at the intersection of South Ankeny Boulevard and SE Peterson Drive was implemented into the design. The PROFESSIONAL was directed to:
- i. Design revised geometrics to accommodate the traffic signalized intersection including, but not limited to:
    - 1. Revisions to the northbound right turn lane at SE Peterson Drive
    - 2. Revisions to the tie in location to existing pavement on South Ankeny Boulevard and expand the south project limits.
    - 3. Pedestrian routing and preliminary pedestrian ramp design.
    - 4. Corridor modeling of the revised areas.
  - ii. Revise sanitary sewer design to accommodate expanded south project limits along South Ankeny Boulevard.
  - iii. Revise sanitary sewer and other utility layouts and routing to accommodate traffic signal footings.
  - iv. Evaluate property impacts and coordinate with the Iowa DOT ROW design team.
  - v. Revise quantity calculations and cost estimating.

7. FINAL DESIGN AND CONSTRUCTION PLANS (ROADWAY AND UTILITIES)

- a. PROFESSIONAL shall perform design tasks and plan preparation to provide final plan documents to the CLIENT and Iowa DOT. This task will develop the plans to a 100% complete level and will incorporate comments from the CLIENT and Iowa DOT received following the Right-of-Way Submittal (D5). The Final Plans shall include, but not limited to, the following information:
  - i. Title sheet.
  - ii. Project location sheet.
  - iii. Typical sections and general notes sheets.
  - iv. Estimated construction quantities and estimate reference information.
  - v. Quantity tabulations through the Iowa DOT Masterworks platform.

- vi. Plan and profile sheets along South Ankeny Boulevard (US 69) and side streets showing existing and proposed features. The plans will show the right-of-way design (provided by Iowa DOT).
- vii. Removal sheets identifying pavement, utility, and other site features scheduled for removal.
- viii. Horizontal and vertical survey control sheets.
- ix. Traffic control and staging sheets shall include, but not be limited to:
  - a. Tabulations with notes and descriptions on traffic control and staging requirements for each stage of construction, including winter shutdown(s).
  - b. Typical sections sheets for each stage of construction, including winter shutdown(s).
  - c. Plan sheets for each stage of construction, including winter shutdown(s), showing traffic control layout, traffic control signage, property access locations, etc. This task will incorporate possible revisions on property access from Iowa DOT ROW negotiations.
  - d. Detour sheets for vehicular and pedestrian routing.
- x. Intersection, driveway, parking lot, and roadway detail sheets shall include, but not limited to:
  - a. Geometric sheets.
  - b. Staking and Grading sheets.
  - c. Edge profile sheets (if required).
  - d. Jointing sheets.
- xi. Storm sewer data tabulation and plan and profile sheets identifying structure data, pipe data, and utility crossings. Submittal of a final stormwater report.
- xii. Sanitary sewer plan and profile sheets identifying structure data, pipe data, sewer servicing, and utility crossings.
- xiii. Water main plan and profile sheets showing fire hydrant and valving locations, water servicing, utility crossings, profile adjustments, pipe bends, etc.
- xiv. Pavement marking and signage sheets and tabulations.
- xv. Erosion and sediment control sheets identifying the Pollution Prevention Plan (PPP), erosion control tabulations (RC Sheets), erosion control plan sheets (RR Sheets), and erosion control detail sheets (RU Sheets).
- xvi. Detailed pedestrian ramp design (S Sheets) with a sidewalk compliance tabulation.
- xvii. Earthwork tabulations (T Sheets).
- xviii. Project detail sheets (U Sheets). It is anticipated the following U Sheets will be included in these services:
  - a. Sidewalk and retaining wall combination typical section and plan and profile. It is anticipated that the sidewalk

and retaining wall combination will require special structural design as the loading requirements are greater than those that Iowa DOT Standard Road Plan, MI-221, can support.

- b. Safety rail/fencing typical and details.
  - c. Stair/step details.
  - d. Standard “500 Series” details from Iowa DOT.
  - e. Joint Utility Trench plan and profile and details will be included in the final design but will be incorporated into the PROJECT through Iowa DOT resources.
  - f. Colored and textured concrete is anticipated to be placed at the intersections of South Ankeny Blvd and 1<sup>st</sup> Street, 3<sup>rd</sup> Street, and SE Peterson Drive.
  - g. The existing landscaped median on the west leg of 1<sup>st</sup> Street and Ankeny Boulevard and the landscaping bed in the southwest quadrant of 1<sup>st</sup> Street and Ankeny Boulevard will be revised to accommodate the new roadway widening.
  - h. Special landscaping features outside what is noted above are not included in this scope of services.
  - i. Special detailing and design regarding business sign replacement or relocation are not included in this scope of services.
- xix. Final cross-sections
- b. PROFESSIONAL will develop and submit applicable Developmental Specifications or Special Provisions that may apply to this PROJECT. It is anticipated this would include Special Provisions for Colored Concrete.
  - c. PROFESSIONAL will prepare a Public Interest Finding (PIF) for any proprietary items for traffic signalization or utility appurtenances.
  - d. PROFESSIONAL will prepare applicable Iowa DOT and Iowa DNR permits including, but not limited to, Application to Perform Work Within State Highway Right-of-Way, Utility Accommodation Permit, Traffic Control Device Permit, Water Main Construction Permit, and Sanitary Sewer Construction Permit.
  - e. PROFESSIONAL will submit the following review plans to the CLIENT and Iowa DOT during the development of the final design for review and comment.
    - i. Progress set before the Public Information Meeting, anticipated in July 2024 (CLIENT only)
    - ii. Check set before the Iowa DOT Methods Review (DM5), anticipated in July 2025 (CLIENT only)
    - iii. Iowa DOT Methods Review (DM5), anticipated in August 2025 (CLIENT and Iowa DOT)

- iv. Iowa DOT Final Grade and Pave Plans (D08), anticipated in October 2025 (CLIENT and Iowa DOT)

8. FINAL TRAFFIC SIGNAL DESIGN AND CONSTRUCTION PLANS

- a. PROFESSIONAL shall perform final design tasks and develop final traffic signal plans (N Sheets) for the traffic signal replacement at the South Ankeny Boulevard and South 3<sup>rd</sup> Street intersection, the traffic signal modifications at the Ankeny Boulevard and 1<sup>st</sup> Street intersection (including new mast arm poles in the southeast and southwest quadrants), and fiber optic interconnect replacement from SE 8<sup>th</sup> Street to 1<sup>st</sup> Street. Services will include the following:
  - i. Notes and quantities sheet
  - ii. Final traffic signal layout sheet for each intersection
  - iii. Final wiring and phasing sheet for each intersection
  - iv. Final fiber optic interconnect sheet(s), which show conduit alignment, handhole locations, and cable routing and include notes related to splicing, signal cabinet connections, and temporary routing needs
  - v. Traffic signal detail sheets
  - vi. Final temporary traffic signal layout and design at the South Ankeny Boulevard and 1<sup>st</sup> Street intersection
  - vii. Preparation of a final cost opinion

**ARTICLE I. SCOPE OF WORK, SECTION D. ADDITIONAL SERVICES,** add the following Subsection.

8. NEPA DOCUMENTATION

- a. The National Environmental Policy Act (NEPA) of 1969, as amended, establishes a national policy for protecting the environment. NEPA provides for the analysis and comparison of alternative impacts for a proposed PROJECT seeking federal funding or approval. The proposed improvements constitute a federal action and are subject to requirements set forth in (NEPA). Federal Highway Administration (FHWA) and Iowa DOT Location and Environment Bureau determined that the PROJECT will require NEPA preparation. The proposed reconstruction of South Ankeny Blvd is not anticipated to have a significant environmental impact on existing conditions. The PROJECT will be classified by Iowa DOT and FHWA at the time the PROJECT Concept Statement is submitted to Iowa DOT. The fee for this PROJECT represents assisting the Iowa DOT in a Categorical Exclusion (CE). If, based on the findings of the CE, the Iowa DOT recommends the

completion of additional NEPA documentation, the PROFESSIONAL will prepare and present to the CLIENT, a contract amendment for additional services.

- b. The analysis must consider all reasonable alternatives to include the “no action” alternative. A matrix will be developed to assist in the selection of a preferred alternative. The “no action” alternative is used as the basis for comparing the potential effects. Potential impact categories analyzed include but are not limited to:

- Socioeconomic
- Environmental Justice
- Air Quality
- Noise
- Threatened and Endangered Species
- Biotic Communities
- Woodlands
- Water Quality
- Park and Recreation: Section 6(f)
- Cultural Resources (Section 106)
- Regulated Materials
- River/Floodplain
- Visual
- Pedestrian/Bicycle Facilities
- Section 4(f) Resources
- Indirect/Cumulative Impacts

- c. Based on an expanded project area from the conceptual design, the PROFESSIONAL will provide an addendum to the Bear Creek Archaeology report (BCA 3321, September 2023). The survey update will include:

- i. Review of historic plat maps, historic records, archaeological site records, and historic architectural inventories.
- ii. Detailed description of the PROJECT area, including maps and representative photographs
- iii. Archaeological field investigations that will include pedestrian survey and systematic subsurface testing of areas with high archaeological potential or <25% ground surface visibility.
- iv. Analysis and interpretation of identified artifacts.
- v. Preliminary evaluation of identified archaeological resources within the area of potential effect, including National Register recommendations for those resources.
- vi. Preparation of a contract completion report meeting State and Federal requirements



- d. This amendment does not include curation costs or advanced testing (Phase II) of cultural resources that might be encountered during Phase I investigations. This cost estimate assumes that the geomorphological survey will occur before archaeological fieldwork. The CLIENT will coordinate with the landowners before the site visit to ensure access to properties required for field investigation.

## 9. ARCHITECTURAL HISTORIC SURVEY

PROFESSIONAL shall conduct a historic architectural survey within the project area. The survey will be conducted following the guidance for a Reconnaissance-Level Survey as outlined in the draft *Guidelines for Historic Architectural Surveys in Iowa* (2019). PROFESSIONAL shall:

- a. Identify all above-ground historic properties and potential historic districts within 100 feet of the project area through a desktop review and a windshield survey.
- b. Perform observations on the area's visual, cultural, economic, and social characteristics. A particular focus will be placed on properties that are 50 years of age or older that appear to have a good degree of integrity and historic and/or architectural distinction.
- c. Research to develop a general historical context focusing particularly on the developmental history of the built environment. The historical context will be included in a summary report documenting the findings of the reconnaissance-level survey.
- d. Recommendations will be made for further study on intensive-level survey of individual resources and/or districts, if required.
- e. Review of I-Sites, online Property Records, and historic aerial photography to identify buildings and/or districts within the project area.
- f. Perform fieldwork to photograph and document the built environment within 100 feet of the project area. The field work will include:
  - i. Mapping of potential district and/or character areas.
  - ii. Photographing representative streetscapes, structures, buildings, landscapes, and other relevant features.
  - iii. Field observations noting visual characteristics of distinct areas along the project corridor.
  - iv. Multiple photographs from the public right-of-way will be captured for resources that are 50 years of age or older.
  - v. Numerous photographs will be captured within historic districts that extend into the Area of Potential Effect (APE).
  - vi. Photographs will include representative streetscapes and buildings.

- vii. Resources within the potential district exhibiting loss of integrity shall be noted on a parcel map and recognized as noncontributing elements.
- g. Consultation with Iowa DOT Location and Environment Bureau and Iowa SHPO, if needed, on survey findings and reporting.
- h. A technical report will be provided to the CLIENT based on Iowa SHPO standards and will provide the historical context, findings, recommendations, detailed maps, and photographs. Research methods and final report preparation will help to fulfill compliance requirements of Section 106 of the National Historic Preservation Act.

**ARTICLE IV. PROJECT SCHEDULE**, change to the following:

The PROFESSIONAL completed the preliminary design services through February 29, 2024. Final design services are anticipated to be provided through bid letting, which is currently scheduled for December 16, 2025. The anticipated schedule for the final design phase is noted below. If changes are made to this schedule, the PROFESSIONAL shall submit changes to the CLIENT for approval.

Notice to Proceed (Final design)	May 7, 2024
Progress Set submittal to CLIENT	July 18, 2024
Public Information Meeting	July 31, 2024
Progress Set comments to PROFESSIONAL	August 15, 2024
Check Set submittal to CLIENT	July 3, 2025
Check Set comments to PROFESSIONAL	July 31, 2025
Methods Review (DM5) to CLIENT and Iowa DOT	August 19, 2025
Final Plans (D08) to CLIENT and Iowa DOT	October 7, 2025
Bid Letting (L03)	December 16, 2025

**ARTICLE V. COMPENSATION AND TERMS OF PAYMENT**, shall be amended as follows:

**A. PRELIMINARY PROFESSIONAL SERVICES**

As set forth in Article V, the Preliminary Professional Services fee shall be on the basis of a maximum fixed fee on hourly rates and fixed expenses as outlined in the Professional’s Standard Fee Schedule. The current Standard Fee Schedule is shown in the attached Exhibit “C”. Total fees of services shall not exceed the following amounts without the approval of the CLIENT.

<b>Item</b>	<b>Base Agreement</b>	<b>Amendment No. 1</b>	<b>Total</b>
1. Topographic Survey and Base Drawings	\$39,100	\$7,300	\$46,400
2. Traffic Study and TSIP Funding Application	\$29,500	\$39,400	\$68,900
3. Conceptual Design	\$28,800	\$0	\$28,800
<b>Total</b>	<b>\$97,400</b>	<b>\$46,700</b>	<b>\$144,100</b>

#### B. BASIC PROFESSIONAL SERVICES

As set forth in Article V, the Basic Professional Services fee shall be on the basis of a maximum fixed fee on hourly rates and fixed expenses as outlined in the Professionals Standard Fee Schedule. The current Standard Fee Schedule is shown in the attached Exhibit “C”. Total fees of services shall not exceed the following amounts without the approval of the CLIENT.

<b>Item</b>	<b>Base Agreement</b>	<b>Amendment No. 1</b>	<b>Total</b>
1. Project Administration and Management	\$65,100	\$31,300	\$96,400
2. Preliminary Utility Coordination	\$18,100	\$0	\$18,100
3. Preliminary (D2) Design and Construction Plans (Roadway and Utilities)	\$99,400	\$0	\$99,400
4. Preliminary Traffic Signal Design and Construction Plans	\$30,600	\$7,800	\$38,400
5. Right-of-Way (D5) Design and Construction Plans (Roadway and Utilities)	\$118,800	\$36,100	\$154,900
6. Lighting Analysis and Design	\$5,800	\$0	\$5,800
7. Final Design and Construction Plans (Roadway and Utilities)	\$0	\$209,000	\$209,000
8. Final Traffic Signal Design and Construction Plans	\$0	\$20,400	\$20,400
<b>Total</b>	<b>\$337,800</b>	<b>\$304,600</b>	<b>\$642,400</b>

#### C. ADDITIONAL SERVICES

As set forth in Article V, the PROFESSIONAL fees shall be based on the current hourly rates and fixed expenses. The estimated PROFESSIONAL costs as provided to the CLIENT represent a probable budget amount. The CLIENT will be billed for actual direct hours and if the PROFESSIONAL believes the budgetary amounts will be exceeded, the CLIENT will be promptly notified by the PROFESSIONAL.

<b>Item</b>	<b>Base Agreement</b>	<b>Amendment No. 1</b>	<b>Total</b>
1. Roadway Geotechnical Investigation	\$12,000	\$0	\$12,000
2. Environmental Geotechnical Investigation	\$23,000	(-) \$10,100	\$12,900
3. Utility Verification Test Holes	\$18,000	\$0	\$18,000
4. Phase 1 Environmental Site Assessment	\$5,000	\$0	\$5,000
5. Cultural Resources Evaluation	\$4,500	\$0	\$4,500
6. Changes in the Scope of Services	\$0	\$0	\$0
7. Construction Services	\$0	\$0	\$0
8. NEPA Documentation	\$0	\$31,000	\$31,000
9. Architectural Historic Survey	\$0	\$6,000	\$6,000
<b>Total</b>	\$62,500	\$26,900	\$89,400

CONTRACT AMOUNT

<b>TOTAL ORIGINAL AGREEMENT</b>	<b>\$497,700</b>
<b>TOTAL AMENDMENT NO. 1</b>	<b>\$378,200</b>
<b>TOTAL CONTRACT AMOUNT</b>	<b>\$875,900</b>

Billings shall include sufficient documentation to explain the charges. All billings shall be accompanied by a Billings Information Report on a form provided by the PROFESSIONAL.


All other terms of this Agreement shall remain unchanged and unaffected by this Amendment. IN WITNESS WHEREOF, the parties hereto have executed this CONTRACT as of this 6th day of May, 2024.

ATTEST: CITY OF ANKENY, POLK COUNTY, IOWA

\_\_\_\_\_  
Michelle Yuska  
City Clerk, City of Ankeny

By \_\_\_\_\_  
Mark E. Holm, Mayor

ATTEST: SNYDER & ASSOCIATES, INC.



By  \_\_\_\_\_

Digitally signed by Tim L. West  
Date: 2024.04.30 11:14:32  
-05'00'

Tim L. West, Business Unit Leader

Exhibit “C”

**SNYDER & ASSOCIATES, INC.**  
**2024**  
**STANDARD FEE SCHEDULE**

<b>Billing Classification/Level</b>	<b>Billing Rate</b>
<b>Professional</b>	
<i>Engineer, Landscape Architect, Land Surveyor, GIS, Environmental Scientist Project Manager, Planner, Archaeologist, Right-of-Way Agent, Graphic Designer</i>	
Principal II	\$252.00 /hour
Principal I	\$237.00 /hour
Senior	\$216.00 /hour
VIII	\$198.00 /hour
VII	\$187.00 /hour
VI	\$178.00 /hour
V	\$166.00 /hour
IV	\$153.00 /hour
III	\$141.00 /hour
II	\$128.00 /hour
I	\$115.00 /hour
<b>Technical</b>	
<i>CADD, Survey, Construction Observation</i>	
Lead	\$150.00 /hour
Senior	\$144.00 /hour
VIII	\$134.00 /hour
VII	\$124.00 /hour
VI	\$111.00 /hour
V	\$101.00 /hour
IV	\$91.00 /hour
III	\$82.00 /hour
II	\$75.00 /hour
I	\$66.00 /hour
<b>Administrative</b>	
II	\$77.00 /hour
I	\$63.00 /hour
<b>Reimbursables</b>	
Mileage	<i>current IRS standard rate</i>
Outside Services	<i>As Invoiced</i>