

RESOLUTION NO. 73-19

**A RESOLUTION AUTHORIZING THE EXECUTION OF AN
AMENDMENT TO AN ENGINEERING SERVICES CONTRACT
FOR THE EXTENSION OF SOUTH DIXIELAND ROAD
PROJECT NO 18BS14**

WHEREAS, the City of Springdale is planning an extension of South Dixieland Road, and

WHEREAS, using the procurement procedures required by State Law, the program management team has selected Garver, LLC as the most qualified engineering firm for this project, and

WHEREAS, the amendment to the contract increases the not to exceed fee from \$19,600 to \$357,300, and

WHEREAS, project cost has been estimated to be \$5,230,513 including the cost of right-of-way/easement acquisition, utility relocation and construction.

**NOW THEREFORE BE IT RESOLVED BY THE CITY COUNCIL
FOR THE CITY OF SPRINGDALE, ARKANSAS,**

Section 1. Expenditures for this project will be paid from the 2018 Street Bond Construction Fund.

Section 2. The Mayor and City Clerk are hereby authorized to execute an engineering services contract amendment with Garver, LLC for engineering services relating to the extension of South Dixieland Road.

Section 3. The Mayor is hereby authorized to execute change orders to this contract provided the cumulative total does not exceed 10% of the original contract price.

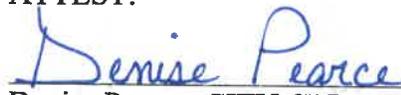
Section 4. The Mayor is hereby authorized to institute eminent domain proceedings in any instance that an agreement has not been reached with the property owner regarding the amount of just compensation to be paid for the acquisition of property and easements for this project. All settlements proposed by the Mayor that exceed the appraised value will be presented to the City Council for approval.

PASSED AND APPROVED this 23rd day of July, 2019



Doug Sprouse, Mayor

ATTEST:



Denise Pearce, CITY CLERK

APPROVED AS TO FORM:



Ernest B. Cate, CITY ATTORNEY



AMENDMENT TO AGREEMENT FOR PROFESSIONAL SERVICES
City of Springdale
Springdale, Arkansas
Project No. 18047000

CONTRACT AMENDMENT NO. 1

This Contract Amendment No. 1, effective on the date last written below, shall amend the original contract between the City of Springdale (Owner) and GARVER, LLC (GARVER), dated May 29, 2018 referred to in the following paragraphs as the original contract.

This Contract Amendment No. 1 adds professional services for the:

Extension of S. Dixieland Road for approximately 1 mile from W. Apple Blossom Ave. south to Wagon Wheel Road near the intersection of Wagon Wheel Road / Robins Road and the widening and extension of Hiland Road from 71B west to S. Dixieland Road.

The original contract is hereby modified as follows:

SECTION 2 - SCOPE OF SERVICES

The additional scope of services as described in the attached Appendix A shall be added to the Agreement.

SECTION 3 – PAYMENT

Increase the maximum not to exceed amount **\$357,300.00**.

APPENDIX B – HOURLY RATES AND FEE SPREADSHEETS

The attached Appendix B fee spreadsheets that show the hourly estimates for the Amendment No. 1 additional services shall be added to the agreement.



This Agreement may be executed in two (2) or more counterparts each of which shall be deemed an original, but all of which together shall constitute one and the same instrument.

IN WITNESS WHEREOF, Owner and GARVER have executed this Amendment effective as of the date last written below.

CITY OF SPRINGDALE

GARVER, LLC

By: *Doug Sprouse*
Signature

By: *Ronald S. Petrie*
Signature

Name: Doug Sprouse
Printed Name

Name: Ronald S. Petrie
Printed Name

Title: Mayor

Title: Sr. Project Manager

Date: 07/24/2019

Date: 7/2/2019

Attest: *Wyman Morgan*

Attest: *Jeff Will*

APPENDIX A – SCOPE OF SERVICES

AMENDMENT NO. 1

1. General

Generally, the scope of services includes surveying, design, traffic studies, preparation of property acquisition documents, and bidding services for the extension of S. Dixieland Road for approximately 1 mile from W. Apple Blossom Ave. south to Wagon Wheel Road near the intersection of Wagon Wheel Road / Robins Road. Improvements will also include signalization at Apple Blossom and Wagon Wheel Intersections and the widening and extension of Hiland Road from 71B west to S. Dixieland Road.

2. Surveys

2.1. Design Surveys

Garver will provide field survey data for designing the project, and this survey will be tied to the Owner's control network.

Garver will conduct field surveys, utilizing radial topography methods, at intervals and for distances at and/or along the project site as appropriate for modeling the existing ground, including locations of pertinent features or improvements. Garver will locate buildings and other structures, streets, drainage features, trees over eight inches in diameter, visible utilities as well as those underground utilities marked by their owners and/or representatives, and any other pertinent topographic features that may be present at and/or along the project site. Garver will establish control points for use during construction.

2.2. Property Surveys

Garver will locate existing monumentation representing right of way and/or easements based on record data which will be provided by an abstractor under a subconsultant agreement with Garver.

3. Geotechnical Services

Garver will subcontract with Grubbs, Hoskyn, Barton & Wyatt, Inc. for obtaining geotechnical data necessary for the design of this project, as follows:

- Drill a total of 24 borings- 17 for S. Dixieland Road extension and 7 for Hiland Road widening and extension, to 10-ft depth or auger refusal, whichever is less, obtaining undisturbed soil samples or Standard Penetration Values at 2- to 5-ft intervals or at a change in soil stratum.
- Site reconnaissance, boring lay out, access including dozer rental as required, co-ordinate with property owners. (Garver to give us contact information)
- Traffic control on existing Hiland Road.
- Excavate 3 to 4 test pits for obtaining bulk samples for CBR testing.
- Perform an adequate laboratory testing program planned after the borings are completed to determine the physical characteristics and engineering properties of the foundation and subgrade soils including 2 to 3 CBR tests.
- Prepare an engineering report with recommendations for pavement design, site grading and construction criteria.

4. Coordination

Garver will furnish plans to all known utility owners potentially affected by the project at each stage of development. Garver will include the surveyed locations of the observable and marked utilities in the

construction plans. Garver will also include proposed and/or relocated utility information in the construction plans as provided by the utility companies.

After City approval of Conceptual Design, Garver will prepare for and attend one public involvement meeting at a location to be determined by the City.

Garver will furnish final plans to the following agencies: USACE (if necessary), and ADEQ for their review and comment.

Garver will attend coordination meetings with the Owner and other agencies as required. Garver will prepare exhibits for these meetings when appropriate.

5. Environmental Services

Garver will perform a wetland delineation for the entire project and work to obtain a Section 404 Nationwide Permit US Army Corps of Engineers (if necessary). Garver will also prepare, submit, and coordinate approval of a Stormwater Pollution Prevention Plan (SWPPP) with ADEQ.

6. Traffic Study

Garver will conduct a traffic study to determine the operational and geometric needs of the corridor extension of Dixieland Road from W. Apple Blossom Avenue to Wagon Wheel Road. As part of the study, turning movement counts are needed at the following key intersections to provide information needed to develop the traffic diversions.

- N.Thompson Street (Hwy. 71B) at W. Apple Blossom Avenue
- N. Graham Road at W. Apple Blossom Avenue
- Walden Street at W. Apple Blossom Avenue
- S. Goad Springs Street at W. Apple Blossom Avenue
- N.Thompson Street (Hwy. 71B) Hilland Road
- N.Thompson Street (Hwy. 71B) at W. Graham Road
- N.Thompson Street (Hwy. 71B) at Wagon Wheel Road (Hwy. 264)
- Silent Grove Road at Wagon Wheel Road (Hwy. 264)
- Robins Road at W. Graham Road
- Robins Road at Wagon Wheel Road (Hwy. 264)

Additionally, the Northwest Arkansas Regional Planning Commission will provide information in the area from the 2010/2040 travel demand models as well as the 2040 travel demand model with the extension. This information along with traffic data collected in the area will be used to develop a traffic model. Once the traffic projections for the new route are completed, an operational analysis, geometric analysis, and signal warrant analysis will be performed to determine the appropriate number of lanes and stop control at the intersections. It is anticipated that new traffic signals will be needed at the intersections of Dixieland Road at W. Apple Blossom Avenue and Dixieland Road at Wagon Wheel Road (Hwy. 264).

Prior studies such as the previous Dixieland Road Extension north of this project will be reviewed.

7. Conceptual Design

Garver will prepare conceptual plans (30%) that will include:

- Topography.
- Roadway Typical Sections.

- Drainage Area Map.
- Typical details.
- Roadway plan & profile sheets.

This conceptual submittal will be for the purpose of coordinating the proposed improvements with the Owner and the utility companies and developing an order of magnitude cost estimate for the project. Garver will incorporate comments from the Owner in the Preliminary Design. Garver will proceed with Preliminary Design after the Conceptual Design is approved by the Owner in writing.

8. Preliminary Design

Once Garver receives written approval from Owner on Conceptual Design, Garver will begin Preliminary Design. The Preliminary Design phase submittal will include roadway plans and details, and an opinion of probable construction cost. The preliminary design phase will represent approximately 60 percent of final construction contract plans. This submittal will not include technical specifications or "front end" contract documents. Garver will incorporate comments from the Owner on the Preliminary Design in the Final Design. Garver will proceed with Final Design after the Preliminary Design is approved by the Owner in writing.

9. Final Design

Once Garver receives written approval from Owner on Preliminary Design, Garver will begin Final Design. During the final design phase of the project, Garver will conduct final designs to prepare construction plans and specifications, for one construction contract, including final construction details and quantities, special provisions, and opinion of probable construction cost. Garver will also make final field inspection with Owner, make any needed plan changes as a result of the final field inspection and/or special easement acquisition considerations, and prepare the construction documents as required to advertise for bids.

10. Property Acquisition Documents

Garver will provide mapping as required for preparing Right of Way/Easement acquisition documents for the Owner's use in acquiring the property. Documentation will include an individual tract map with description of temporary and permanent acquisition for each property. The Owner will provide a standard easement acquisition document or "go-by" example for use by Garver. The fee for providing property acquisition documentation is based on permanent right of way and temporary construction easements for no more than 20 properties. Property acquisition document preparation will begin after receiving the Owner's comments from the Preliminary Design review.

11. Bidding Services

During the bidding phase of the project, Garver will:

- A. Prepare and submit Advertisement for Bids to newspaper(s) for publication as directed by the Owner. Owner will pay advertising costs outside of this contract.
- B. Dispense construction contract documents to prospective bidders (at the approximate cost of reproduction and handling).
- C. Support the contract documents by preparing addenda as appropriate.
- D. Participate in a pre-bid meeting if necessary.
- E. Attend the bid opening.
- F. Prepare bid tabulation.
- G. Evaluate bids and recommend award.
- H. Prepare construction contracts.

12. Project Deliverables

The following will be submitted to the Owner, or others as indicated, by Garver:

- A. One copy of the Traffic Study Report.
- B. One electronic copy of the Geotechnical Report.
- C. Two copies of the Conceptual Design with opinion of probable construction cost.
- D. One copy of the Conceptual Plans to each potentially affected utility company.
- E. Two copies of the Preliminary Design with opinion of probable construction cost.
- F. One copy of the Preliminary Plans to each potentially affected utility company.
- G. Two copies of the Final Design with opinion of probable construction cost.
- H. Two copies of the revised Final Design with opinion of probable construction cost.
- I. One copy of the revised Final Plans to each potentially affected utility company.
- J. Two copies of the right-of-way and/or easement acquisition documents.
- K. Electronic files as requested.

13. Extra Work

The following items are not included under this agreement but will be considered as extra work:

- A. Redesign for the Owner's convenience or due to changed conditions after previous alternate direction and/or approval.
- B. Submittals or deliverables in addition to those listed herein.
- C. Pavement Design beyond that furnished in the Geotechnical Report.
- D. Design of any utilities relocation.
- E. Retaining walls or other significant structural design.
- F. Street lighting or other electrical design.
- G. Construction materials testing.
- H. Environmental Handling and Documentation, including mitigation plans or other work related to environmentally or historically (culturally) significant items.
- I. Coordination with FEMA and preparation/submittal of a CLOMR and/or LOMR.
- J. Services after construction, such as warranty follow-up, operations support, etc.
- K. Construction Phase Services.
- L. Design of any roadway widening improvements to W. Apple Blossom Road.

Extra Work will be as directed by the Owner in writing for an addition fee as agreed upon by the Owner and Garver.

14. Schedule

Garver shall begin work under this Agreement within ten (10) days of a Notice to Proceed and shall complete the work in accordance with the schedule below:

| Phase Description | Calendar Days |
|--------------------------------|--|
| Traffic Study | 90 days from start date (or Owner-provided data) |
| Surveys – Design and Property | 60 days from Start Date |
| Conceptual Design | 60 days from survey completion date |
| Preliminary Design | 90 days from approval of Conceptual Design |
| Final Design | 60 days from approval of Preliminary Design |
| Property Acquisition Documents | 30 days from approval of Preliminary Design |



APPENDIX B

S. Dixieland Extension

Garver Hourly Rate Schedule: July 2018 - June 2019

| Classification | Rates |
|--|--------------|
| Engineers / Architects | |
| E-1..... | \$ 105.00 |
| E-2..... | \$ 122.00 |
| E-3..... | \$ 148.00 |
| E-4..... | \$ 173.00 |
| E-5..... | \$ 210.00 |
| E-6..... | \$ 264.00 |
| E-7..... | \$ 351.00 |
| Planners / Environmental Specialist | |
| P-1..... | \$ 127.00 |
| P-2..... | \$ 159.00 |
| P-3..... | \$ 198.00 |
| P-4..... | \$ 225.00 |
| P-5..... | \$ 261.00 |
| P-6..... | \$ 297.00 |
| P-7..... | \$ 359.00 |
| Designers | |
| D-1..... | \$ 99.00 |
| D-2..... | \$ 115.00 |
| D-3..... | \$ 137.00 |
| D-4..... | \$ 159.00 |
| Technicians | |
| T-1..... | \$ 77.00 |
| T-2..... | \$ 97.00 |
| T-3..... | \$ 119.00 |
| Surveyors | |
| S-1..... | \$ 47.00 |
| S-2..... | \$ 62.00 |
| S-3..... | \$ 84.00 |
| S-4..... | \$ 120.00 |
| S-5..... | \$ 159.00 |
| S-6..... | \$ 181.00 |
| 2-Man Crew (Survey)..... | \$ 192.00 |
| 3-Man Crew (Survey)..... | \$ 239.00 |
| 2-Man Crew (GPS Survey)..... | \$ 212.00 |
| 3-Man Crew (GPS Survey)..... | \$ 259.00 |
| Construction Observation | |
| C-1..... | \$ 93.00 |
| C-2..... | \$ 119.00 |
| C-3..... | \$ 146.00 |
| C-4..... | \$ 179.00 |
| Management/Administration | |
| M-1..... | \$ 359.00 |
| X-1..... | \$ 60.00 |
| X-2..... | \$ 82.00 |
| X-3..... | \$ 114.00 |
| X-4..... | \$ 145.00 |
| X-5..... | \$ 178.00 |
| X-6..... | \$ 227.00 |
| X-7..... | \$ 270.00 |

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

FEE SUMMARY

| Title I Services | Estimated Fees | Amendment 1 | Total |
|---------------------------------------|-----------------------|---------------------|---------------------|
| Alignment Study | \$19,600.00 | \$0.00 | \$19,600.00 |
| Geotechnical Services (GHBW) | \$0.00 | \$19,800.00 | \$19,800.00 |
| Record Research | \$0.00 | \$6,000.00 | \$6,000.00 |
| Utility Marking | \$0.00 | \$1,000.00 | \$1,000.00 |
| Environmental Handling/Documentation | \$0.00 | \$7,500.00 | \$7,500.00 |
| Traffic Studies | \$0.00 | \$61,500.00 | \$61,500.00 |
| Signalization Design | \$0.00 | \$34,300.00 | \$34,300.00 |
| Surveys | \$0.00 | \$49,400.00 | \$49,400.00 |
| Conceptual Design | \$0.00 | \$43,500.00 | \$43,500.00 |
| Preliminary Design | \$0.00 | \$50,600.00 | \$50,600.00 |
| Final Design | \$0.00 | \$49,400.00 | \$49,400.00 |
| Property Acquisition Documents | \$0.00 | \$27,700.00 | \$27,700.00 |
| Bidding Services | \$0.00 | \$6,600.00 | \$6,600.00 |
| Subtotal for Title I Services | \$19,600.00 | \$357,300.00 | \$376,900.00 |
| Title II Services | | | |
| Construction Materials Testing | \$0.00 | \$0.00 | \$0.00 |
| Construction Phase Services | \$0.00 | \$0.00 | \$0.00 |
| Subtotal for Title II Services | \$0.00 | \$0.00 | \$0.00 |

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

TRAFFIC STUDIES

| WORK TASK DESCRIPTION | E-6 | E-5 | E-4 | E-3 | E-2 | E-1 | T-1 |
|--|-----------|-----------|-----------|------------|------------|-----------|-----------|
| | \$275.00 | \$219.00 | \$180.00 | \$154.00 | \$127.00 | \$110.00 | \$81.00 |
| | hr | hr | hr | hr | hr | hr | hr |
| 1. Identify Transportation Demands | | | | | | | |
| Traffic Data | | | | | | | |
| Compile Turning Movement Counts (10 Int.) | | | | | 16 | | 2 |
| Review Previous Traffic Studies | | 4 | 8 | | | | |
| Review & Coordination- NWARPC Model Results | 2 | 8 | | 16 | | | |
| Site Visit | | | | | | | |
| Field Observations | | | | 6 | | 6 | |
| Travel | | | | 6 | | 6 | |
| | | | | | | | |
| 2. Analysis of the Transportation Demands | | | | | | | |
| Develop Current Traffic Volumes | | 1 | 2 | | 8 | | 8 |
| Develop No Build Traffic Volumes | | 1 | 2 | | 8 | | 6 |
| Divert Traffic Volumes | | | | | | | |
| Develop Diverted Traffic Model (Build) | | 4 | | 24 | 8 | | 8 |
| Signal Warrant Analysis (2 Intersections) | | 1 | | | 28 | | 4 |
| Operational Analysis | | 4 | 4 | 20 | 32 | | |
| Determine Turn Lane Configuration | | 1 | | | 8 | | |
| | | | | | | | |
| 3. Prepare Summary Report | | | | | | | |
| Report Documentation | | 8 | | 30 | 30 | | 4 |
| Coordination with City | 2 | | | | | | |
| QC Review | 12 | | | | | | |
| | | | | | | | |
| Subtotal - Traffic Engineering | 16 | 32 | 16 | 102 | 138 | 12 | 32 |

| | | | | | | | |
|---------------------|----------------|----------------|----------------|-----------------|-----------------|----------------|----------------|
| Hours | 16 | 32 | 16 | 102 | 138 | 12 | 32 |
| Salary Costs | \$4,400 | \$7,008 | \$2,880 | \$15,708 | \$17,526 | \$1,320 | \$2,592 |

SUBTOTAL - SALARIES: \$51,434.00

DIRECT NON-LABOR EXPENSES

| | |
|---|----------|
| Document Printing/Reproduction/Assembly | \$116.00 |
| Postage/Freight/Courier | \$0.00 |
| Traffic Counting Equipment | \$0.00 |
| Travel Costs | \$700.00 |

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$816.00

SUBTOTAL: \$52,250.00

SUBCONSULTANTS FEE: THE TRAFFIC GROUP \$9,250.00

TOTAL FEE: \$61,500.00

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

SIGNALIZATION

| WORK TASK DESCRIPTION | E-6 | E-5 | E-4 | E-3 | E-2 | E-1 | T-1 |
|---|----------|----------|----------|------------|-----------|-----------|----------|
| | \$275.00 | \$219.00 | \$180.00 | \$154.00 | \$127.00 | \$110.00 | \$81.00 |
| | hr | hr | hr | hr | hr | hr | hr |
| 1. Traffic Signal Design (2 Intersections) | | | | | | | |
| Plan | 2 | | | 80 | 40 | 32 | |
| Wiring Diagram | 2 | | | 16 | 12 | 8 | |
| Details | | 2 | | 8 | 2 | 6 | |
| Quantities | | 2 | | 4 | 2 | 4 | |
| Wheelchair Ramps | 2 | | | 16 | | | |
| Subtotal - Signalization | 6 | 4 | 0 | 124 | 56 | 50 | 0 |

| | | | | | | | |
|---------------------|-------------------|-----------------|---------------|--------------------|-------------------|-------------------|---------------|
| Hours | 6 | 4 | 0 | 124 | 56 | 50 | 0 |
| Salary Costs | \$1,650.00 | \$876.00 | \$0.00 | \$19,096.00 | \$7,112.00 | \$5,500.00 | \$0.00 |

SUBTOTAL - SALARIES: \$34,234.00

DIRECT NON-LABOR EXPENSES

| | |
|---|---------|
| Document Printing/Reproduction/Assembly | \$41.00 |
| Postage/Freight/Courier | \$0.00 |
| Travel Costs | \$25.00 |

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$66.00

SUBTOTAL: \$34,300.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$34,300.00

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

SURVEYS

| WORK TASK DESCRIPTION | E-4 | S-5 | S-4 | T-1 | 2-Man Crew (Survey) | 2-Man Crew (GPS Survey) |
|---|----------|-----------|-----------|----------|------------------------|-------------------------------|
| | \$180.00 | \$166.00 | \$125.00 | \$81.00 | \$200.00 | \$221.00 |
| | hr | hr | hr | hr | hr | hr |
| 1. Surveys - Topographic | | | | | | |
| Coordination and Administration | 4 | 4 | | | | |
| Establish Horizontal and Vertical Control | | 2 | 2 | | 4 | 8 |
| Topographic Surveys | | 8 | | | 20 | 60 |
| Locate Utilities | | 2 | 4 | | 6 | 8 |
| Data Processing/DTM Preparation | | 4 | 24 | | | |
| | | | | | | |
| Subtotal - Topographic Surveys | 4 | 20 | 30 | 0 | 30 | 76 |
| 2. Surveys - Property | | | | | | |
| Coordination and Administration | 4 | 4 | | | | |
| Record Research | | 6 | 6 | | | |
| Property Survey | | | | | 16 | 24 |
| Data Processing/Property Delineation | | 10 | 40 | | | |
| | | | | | | |
| Subtotal - Property Surveys | 4 | 20 | 46 | 0 | 16 | 24 |

| | | | | | | |
|---------------------|-------------------|-------------------|-------------------|---------------|-------------------|--------------------|
| Hours | 8 | 40 | 76 | 0 | 46 | 100 |
| Salary Costs | \$1,440.00 | \$6,640.00 | \$9,500.00 | \$0.00 | \$9,200.00 | \$22,100.00 |

SUBTOTAL - SALARIES: \$48,880.00

DIRECT NON-LABOR EXPENSES

| | |
|---|----------|
| Document Printing/Reproduction/Assembly | \$25.00 |
| Postage/Freight/Courier | \$0.00 |
| Survey Supplies | \$25.00 |
| Travel Costs | \$470.00 |

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$520.00

SUBTOTAL: \$49,400.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$49,400.00

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

CONCEPTUAL DESIGN

| WORK TASK DESCRIPTION | E-6 | E-5 | E-4 | E-3 | E-2 | E-1 | T-1 |
|---------------------------------------|-------------------|---------------|--------------------|---------------|---------------|--------------------|-------------------|
| | \$275.00 | \$219.00 | \$180.00 | \$154.00 | \$127.00 | \$110.00 | \$81.00 |
| | hr | hr | hr | hr | hr | hr | hr |
| 1. Civil Engineering | | | | | | | |
| Data Processing/DTM Preparation | | | 2 | | | 4 | 4 |
| Horizontal Geometry | 2 | | 8 | | | 16 | 2 |
| Vertical Geometry | 2 | | 6 | | | 10 | 2 |
| Title Sheet | | | 1 | | | 4 | 6 |
| Typical Sections | | | 2 | | | 6 | 2 |
| Plan & Profile Sheets | 4 | | 20 | | | 40 | 12 |
| Drainage Design and Area Map | | | 8 | | | 20 | 6 |
| Sidepaths | | | 4 | | | 8 | 2 |
| SWU Coordination | 2 | | 6 | | | | |
| Utility Companies Coordination | 2 | | 8 | | | | |
| Meetings/Coordination with City | 4 | | 8 | | | | |
| Quantities | | | 8 | | | 10 | |
| Opinion of Probable Construction Cost | 1 | | 4 | | | 2 | |
| Plan Check/QC Review | 6 | | 8 | | | | |
| Public Involvement Meeting | 4 | | 8 | | | 8 | 8 |
| Subtotal - Civil Engineering | 27 | 0 | 101 | 0 | 0 | 128 | 44 |
| Hours | 27 | 0 | 101 | 0 | 0 | 128 | 44 |
| Salary Costs | \$7,425.00 | \$0.00 | \$18,180.00 | \$0.00 | \$0.00 | \$14,080.00 | \$3,564.00 |

SUBTOTAL - SALARIES: \$43,249.00

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly \$172.00
Travel Costs \$79.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$251.00

SUBTOTAL: \$43,500.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$43,500.00

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

PRELIMINARY DESIGN

| WORK TASK DESCRIPTION | E-6 | E-5 | E-4 | E-3 | E-2 | E-1 | T-1 |
|--|-------------------|---------------|--------------------|---------------|---------------|--------------------|-------------------|
| | \$275.00 | \$219.00 | \$180.00 | \$154.00 | \$127.00 | \$110.00 | \$81.00 |
| | hr | hr | hr | hr | hr | hr | hr |
| 1. Civil Engineering | | | | | | | |
| Preliminary Plans | | | | | | | |
| Typical Sections | | | 2 | | | 4 | 2 |
| Plan & Profile Sheets | 4 | | 24 | | | 60 | 30 |
| Cross Sections | | | 8 | | | 16 | 4 |
| Driveways | | | 8 | | | 12 | 4 |
| Drainage Improvements | | | 16 | | | 30 | 4 |
| MOT Plans | 1 | | 4 | | | 10 | 2 |
| Sidepaths | | | 6 | | | 12 | 2 |
| Striping Plans | | | 4 | | | 12 | 4 |
| Signing Plans | | | 2 | | | 8 | 4 |
| Special Details | | | 4 | | | 8 | 4 |
| Coordination with Geotechnical Subconsultant | 2 | | 4 | | | | |
| Coordination with Utility Companies | 2 | | 8 | | | | |
| Coordination and Meetings with Owner | 4 | | 8 | | | | |
| Opinion of Probable Construction Cost | 1 | | 4 | | | 12 | |
| QC Review | 6 | | 8 | | | | |
| | | | | | | | |
| Subtotal - Civil Engineering | 20 | 0 | 110 | 0 | 0 | 184 | 60 |
| Hours | 20 | 0 | 110 | 0 | 0 | 184 | 60 |
| Salary Costs | \$5,500.00 | \$0.00 | \$19,800.00 | \$0.00 | \$0.00 | \$20,240.00 | \$4,860.00 |

SUBTOTAL - SALARIES: \$50,400.00

DIRECT NON-LABOR EXPENSES

Document Printing/Reproduction/Assembly \$130.00
Travel Costs \$70.00

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$200.00

SUBTOTAL: \$50,600.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$50,600.00

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

FINAL DESIGN

| WORK TASK DESCRIPTION | E-6 | E-5 | E-4 | E-3 | E-2 | E-1 | T-1 |
|---------------------------------------|-----------|----------|------------|----------|----------|------------|-----------|
| | \$275.00 | \$219.00 | \$180.00 | \$154.00 | \$127.00 | \$110.00 | \$81.00 |
| | hr | hr | hr | hr | hr | hr | hr |
| 1. Civil Engineering | | | | | | | |
| Final Plans | | | | | | | |
| Typical Sections | | | 2 | | | 4 | 2 |
| Plan & Profile Sheets | 6 | | 24 | | | 40 | 20 |
| Cross Sections | | | 6 | | | 8 | 2 |
| Maintenance of Traffic Plan | | | 6 | | | 8 | 4 |
| Driveways | | | 6 | | | 8 | 2 |
| Drainage Improvements | | | 14 | | | 24 | 4 |
| Sidepaths | | | 6 | | | 8 | 2 |
| Striping Plans | | | 4 | | | 10 | 2 |
| Signing Plans | | | 2 | | | 4 | 4 |
| Typical Details | | | 6 | | | 8 | 4 |
| Final Review/Walkthrough with City | 3 | | 3 | | | | |
| Coordination with Utility Companies | 2 | | 8 | | | | |
| Coordination and Meetings with Owner | 4 | | 8 | | | | |
| Specifications/Contract Documents | | | 12 | | | 8 | |
| Quantities | | | 8 | | | 16 | |
| Opinion of Probable Construction Cost | 2 | | 4 | | | 4 | |
| QC Review | 6 | | 6 | | | | |
| | | | | | | | |
| Subtotal - Civil Engineering | 23 | 0 | 125 | 0 | 0 | 150 | 46 |

| | | | | | | | |
|---------------------|------------|----------|-------------|----------|----------|-------------|------------|
| Hours | 23 | 0 | 125 | 0 | 0 | 150 | 46 |
| Salary Costs | \$6,325.00 | \$0.00 | \$22,500.00 | \$0.00 | \$0.00 | \$16,500.00 | \$3,726.00 |

SUBTOTAL - SALARIES: \$49,051.00

DIRECT NON-LABOR EXPENSES

| | |
|---|----------|
| Document Printing/Reproduction/Assembly | \$200.00 |
| Travel Costs | \$149.00 |

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$349.00

SUBTOTAL: \$49,400.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$49,400.00

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

PROPERTY ACQUISITION DOCUMENTS

| WORK TASK DESCRIPTION | E-4 | S-5 | S-4 | 2-Man Crew (Survey) | 2-Man Crew (GPS Survey) | 3-Man Crew (Survey) | T-1 |
|--|----------|-----------|------------|---------------------|-------------------------|---------------------|----------|
| | \$180.00 | \$166.00 | \$125.00 | \$200.00 | \$221.00 | \$249.00 | \$81.00 |
| | hr | hr | hr | hr | hr | hr | hr |
| 1. Acquisition Documents (Maximum 20 Parcels) | | | | | | | |
| Coordination and Administration | 4 | 4 | | | | | |
| Documents | | 40 | 80 | | | | |
| Temporary Construction Easements | | 10 | 20 | | | | |
| Stake Proposed Right of Way (Once) | | 2 | 4 | | 20 | | |
| | | | | | | | |
| Subtotal - Acquisition Documents | 4 | 56 | 104 | 0 | 20 | 0 | 0 |

| | | | | | | | |
|---------------------|-----------------|-------------------|--------------------|---------------|-------------------|---------------|---------------|
| Hours | 4 | 56 | 104 | 0 | 20 | 0 | 0 |
| Salary Costs | \$720.00 | \$9,296.00 | \$13,000.00 | \$0.00 | \$4,420.00 | \$0.00 | \$0.00 |

SUBTOTAL - SALARIES: \$27,436.00

DIRECT NON-LABOR EXPENSES

| | |
|---|----------|
| Document Printing/Reproduction/Assembly | \$200.00 |
| Travel Costs | \$64.00 |

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$264.00

SUBTOTAL: \$27,700.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$27,700.00

APPENDIX B

**CITY OF SPRINGDALE
S. DIXIELAND EXTENSION - AMENDMENT 1**

BIDDING SERVICES

| WORK TASK DESCRIPTION | E-6 | E-5 | E-4 | E-3 | E-2 | E-1 | X-2 |
|---|----------|----------|-----------|----------|----------|----------|----------|
| | \$286.00 | \$228.00 | \$188.00 | \$161.00 | \$132.00 | \$114.00 | \$89.00 |
| | hr | hr | hr | hr | hr | hr | hr |
| 1. Civil Engineering | | | | | | | |
| Dispense plans and specs to prospective bidders | | | 4 | | | | |
| Addendums/Inquiries | 1 | | 8 | | | | |
| Pre-Bid Meeting | 1 | | 3 | | | | |
| Bid Opening | 1 | | 1 | | | | |
| Prepare bid tabulation | | | 1 | | | | |
| Evaluate bids and recommend award | 1 | | 2 | | | | |
| Prepare construction contracts | | | 6 | | | | 4 |
| Notice to Proceed | | | 1 | | | | |
| | | | | | | | |
| Subtotal - Civil Engineering | 4 | 0 | 26 | 0 | 0 | 0 | 4 |

| | | | | | | | |
|---------------------|-------------------|---------------|-------------------|---------------|---------------|---------------|-----------------|
| Hours | 4 | 0 | 26 | 0 | 0 | 0 | 4 |
| Salary Costs | \$1,144.00 | \$0.00 | \$4,888.00 | \$0.00 | \$0.00 | \$0.00 | \$356.00 |

SUBTOTAL - SALARIES: \$6,388.00

DIRECT NON-LABOR EXPENSES

| | |
|---|----------|
| Document Printing/Reproduction/Assembly | \$150.00 |
| Postage/Freight/Courier | \$0.00 |
| Travel Costs | \$62.00 |

SUBTOTAL - DIRECT NON-LABOR EXPENSES: \$212.00

SUBTOTAL: \$6,600.00

SUBCONSULTANTS FEE: \$0.00

TOTAL FEE: \$6,600.00

S. DIXIELAND ROAD EXTENSION SPRINGDALE, ARKANSAS



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