

RESOLUTION 21-47

A RESOLUTION TO APPROVE A PROFESSIONAL SERVICES AGREEMENT WITH THE CORRADINO GROUP TO PROVIDE CONSTRUCTION AND ENGINEERING INSPECTION SERVICES FOR THE BUCKNER ROAD TRANSITION WIDENING

WHEREAS, the City of Spring Hill is responsible for the widening of Buckner Road transition at the intersection of Buckner Road and Buckner Lane as part of the I-65 Interchange Project; and

WHEREAS, the City has a contract with The Corradino Group to provide professional services for the initial design, construction plans development and assistance with the bid process of the widening project by Resolution 20-92; and

WHEREAS, initial design and construction plans have been developed and are ready to be advertised for bids in April 2021; and

WHEREAS, City staff recommends The Corradino Group be contracted to perform construction and engineering inspection (“CEI”) services for the construction phase of the widening project; and

WHEREAS, The Corradino Group has submitted a cost proposal in the amount of \$115,110.00 to encompass all services related to CEI; and

WHEREAS, funding for CEI services would be from the Capital Projects fund as included in Ordinance 21-03; and

WHEREAS, City staff recommends approval of a professional services agreement with The Corradino Group to provide CEI services for the Buckner Road transition widening project and to authorize the Mayor to sign the agreement.

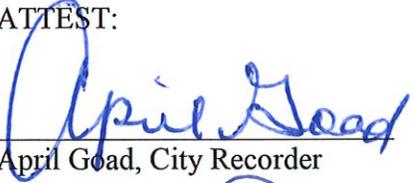
NOW, THEREFORE BE IT RESOLVED, the City of Spring Hill Board of Mayor and Aldermen:

1. Approve the cost proposal from The Corradino Group for CEI services related to the Buckner Road transition widening project construction phase in the amount of \$115,110.00.
2. Approve the professional services agreement between the City of Spring Hill and The Corradino Group to provide CEI services for the construction phase of the Buckner Road transition widening.
3. Authorize the Mayor to sign the professional services agreement between the City and The Corradino Group attached hereto.

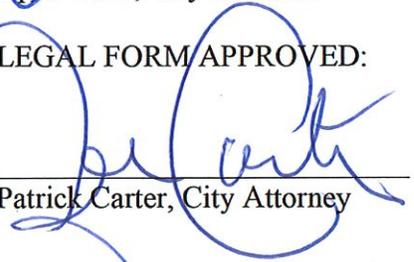
Passed and Adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 15th day of March, 2021.

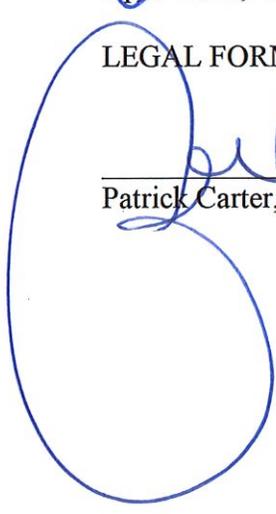

Rick Graham, Mayor

ATTEST:


April Goad, City Recorder

LEGAL FORM APPROVED:


Patrick Carter, City Attorney





REQUEST: *Approval of Resolution 21-47*
SUBMITTED BY: Missy Stahl, Senior Project Manager
DATE: March 15, 2021
RE: To approve a professional services agreement with The Corradino Group for CEI services for the Buckner Road transition widening
ATTACHMENTS: Site map, cost proposal, professional services agreement

PURPOSE:

The purpose of this memo is to provide information regarding a cost proposal from The Corradino Group for CEI services and approval of a professional services agreement for the Buckner Road transition widening.

BACKGROUND:

The City of Spring Hill entered into a contract in July 2020 (Resolution 20-92) with The Corradino Group to provide professional services related to the widening of Buckner Road at the transition intersection of Buckner Road and Buckner Lane. The contract includes initial design, construction plans development and assistance with the bid process.

The construction plans have been reviewed by the City, its consultant engineers and the consultants preparing plans for other road segments comprising the Buckner Road and Buckner Lane projects. City staff met with The Corradino Group and S&ME (the contractor for the northern segment of Buckner Lane widening) on February 22, 2021 to ensure construction plans documents coincided with each other. The contractor, Southeast Venture, plans to start construction of the Buckner/Buckner intersection and the segment that extends northward to Thompsons Station Road that passes through June Lake in April/May 2021. It was determined at that meeting that the City will need to initiate construction of the Buckner Road transition project widening prior to the construction of the Buckner/Buckner intersection and the widening and realignment of the northern segment of Buckner Lane to avoid significant rework of the construction by the City to tie the vertical elevations together. Should Southeast Venture complete construction prior to the City completing the transition project, the widening of Buckner Road would require finished curbing, drainage structures and other related road improvements to be removed, alterations in finish grade to tie road surfaces, and the reinstallation of curbing and related improvements. Therefore, at the recommendation of the City's consultant (Corradino Group) and concurrence from S&ME, City staff recommends moving forward immediately with the bidding and construction of the Buckner Road transition project so this segment of the overall improvements along Buckner Lane and Buckner Road will be completed prior to Southeast Venture's contractor initiating intersection construction.



In conjunction with the construction phase, the City recommends a professional services agreement be entered in to with The Corradino Group to provide necessary construction and engineering (“CEI”) services to ensure construction is completed according to the plans. The Corradino Group has submitted a cost proposal in the amount of \$115,110.00 to cover all necessary services related to CEI.

FINANCIAL IMPACT:

Funding will be added to the FY 20/21 budget – Capital Project Funds – with Ordinance 21-03.

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 21-47 to approve the cost proposal for CEI services from The Corradino Group in the amount of \$115,110.00, authorize a professional services agreement for the CEI services with The Corradino Group and authorize the Mayor to sign the PSA between the City and The Corradino Group.

**PROFESSIONAL SERVICES AGREEMENT BETWEEN
CITY OF SPRING HILL, TENNESSEE
AND [INSERT NAME]**

THIS AGREEMENT is made this the 16th day of March, 2021, by and between **CITY OF SPRING HILL, TENNESSEE** (hereinafter "City"), and The Corradino Group (hereinafter "Consultant").

WITNESSETH:

WHEREAS, the City has determined to enter into an agreement with a consulting firm that affirms itself to have extensive experience in providing construction and engineering inspection services for the Buckner Road transition widening; and

WHEREAS, the City submits that it has the authority to contract with Consultant to provide professional services for the work desired by the City; and

WHEREAS, by entering into this Agreement, Consultant affirms that it has extensive experience in construction and engineering inspection services for the Buckner Road transition widening for the City of Spring Hill providing such services in a professional manner in accordance with the terms and conditions of this Agreement as well as the standard of care practiced by other consultants and professionals performing similar services within the industry.

NOW, THEREFORE, in consideration of the premises and recitals hereinabove set forth, which are incorporated herein by reference, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, and the mutual covenants contained herein, the City and Consultant agree as follows:

ARTICLE 1 - SCOPE OF SERVICES TO BE RENDERED BY CONSULTANT

1. Consultant shall perform all necessary professional services in a satisfactory and proper manner, consistent with the City's requirements for the Project and by reference made a part hereof, including, but not be limited to, the following:

a. See Attached Exhibit A (Scope of Services)

2. All documents prepared by Consultant that form a part of the services rendered hereunder shall, upon completion of the exhibits, calculations, draft reports, presentation material, etc. will become the property of the City. Such documents shall not be used by either party on any other project, except as reference materials.

3. The City will furnish all information, data, reports and maps as are existing and identified by Consultant as necessary for carrying out the work that are available to the City without cost to Consultant.

4. Consultant shall have the authority to request work assignments necessary to obtain additional information to revise the cost of service study if required.

ARTICLE 2 – CITY’S RESPONSIBILITIES

The City will provide to Consultant all criteria and full information as to the Project’s requirements, and shall furnish the following:

1. Provide Consultant with all known available information that is pertinent to the Project.
2. Meet with Consultant for ongoing discussions to assist in directing the consultant.
3. Give thorough consideration to all reports, exhibits or technical memorandums and other documents presented by Consultant and inform Consultant of all decisions within a reasonable time so as not to delay the work of Consultant (i.e. furnish approval or instructions for change).
4. Designate, in writing, a single person to act as Consultant point of contact with the City. The contact person for the City of Spring Hill will be Missy Stahl, Senior Project Manager.
5. Give prompt written notice to Consultant when it is known that either the Project criteria or conditions have changed, or there is reason to believe Consultant work is deficient in intent or technical content.

ARTICLE 3 - TERM

1. The services of the Consultant shall be undertaken and completed within ninety (90) days of bid award date or October 31, 2021, whichever occurs first, unless otherwise agreed upon by the City. A milestone schedule for the Project shall be as provided in Exhibit B attached hereto.

ARTICLE 4 - FEES

1. In consideration of the performance of services rendered under this Contract, Consultant shall be compensated for services performed in accordance with Article 1, not to exceed \$115,110.00.
2. Invoices shall be submitted by Consultant to the City in monthly statements for services rendered, if any. The statements shall be based on percent completion of the lump sum amount, and incurred expenses. Each individual invoice shall be due and payable thirty (30) days after receipt.
3. If the City disputes any portion of Consultant invoices, the undisputed portion will be paid by the City, and Consultant will be notified in writing within ten (10) days of receipt of

1. The City and Consultant shall attempt to resolve conflicts or disputes under this Agreement in a fair and reasonable manner and agree that if an informal resolution cannot be achieved, the parties shall submit the matter to a mutually agreed upon mediator in an attempt to resolve the dispute through the mediation process. Such mediation process shall be initiated by a request in writing by either party.

2. The mediation provision can be waived by the mutual consent of the parties or by either party if such party's right would be irrevocably prejudiced by a delay in initiating a legal proceeding.

3. **Governing Law, Venue and Jurisdiction:** This Agreement shall be governed by and construed in accordance with the laws of the State of Tennessee. The venue and jurisdiction for any dispute arising pursuant to this Agreement shall be in the Circuit Court for Maury County, Tennessee.

ARTICLE 8 – BREACH

1. The term “breach of agreement” specifically includes, but is not limited to, failure to comply with any applicable federal, state or local laws or regulations.

2. One or more waivers of breach of any provision of this Agreement by any party shall not be construed as a waiver of subsequent breach of the same provision, nor shall it be considered a waiver of any other then existing or subsequent breach of a different provision.

3. The substantially prevailing party in any legal proceeding hereunder by and between the parties shall be entitled to their reasonable attorney's fees and court costs incurred in said legal proceeding.

ARTICLE 9 - MODIFICATION

This Agreement shall not be modified unless such modifications are evidenced in writing in the form of a written Amendment, which is signed by both the City and Consultant. Should any changes in the design of the Project be necessary, the City's designee shall report such change to Consultant in writing. If the City determines that any changes in work are necessary to complete the Project, then Consultant shall be allowed compensation based upon the original contract terms, including the additional work in the overall cost of the construction of the Project.

ARTICLE 10 - INDEMNITY AND HOLD HARMLESS

1. City shall agree to indemnify and hold Consultant, its officers, agents and/or employees, harmless from and against any and all lawsuits, damages and expenses, including court costs and attorneys' fees, by reason of any claim and/or liability imposed, claimed and/or threatened against the City, its officials, agents and/or employees, for damages because of bodily injury, death and/or property damages arising out of or in consequence of the performance of

services under this Agreement to the extent that such bodily injuries, death and/or property damages are attributable to the negligence of the City, its agents, employees, or any other entity for which the City may be found to be legally liable. This provision shall survive the completion of all services, obligation and duties provided pursuant to the Project, or the termination of this Agreement for any reason.

2. Consultant shall agree to indemnify and hold the City, its officers, agents and/or employees, harmless from and against any and all lawsuits, damages and expenses, including court costs and attorneys' fees, by reason of any claim and/or liability imposed, claimed and/or threatened against Consultant, its officials, agents and/or employees, for damages because of bodily injury, death and/or property damages arising out of or in consequence of the performance of services under this Agreement to the extent that such bodily injuries, death and/or property damages are attributable to the negligence of Consultant, its agents, employees, or any other entity for which Consultant may be found to be legally liable. This provision shall survive the completion of all services, obligation and duties provided pursuant to the Project, or the termination of this Agreement for any reason.

ARTICLE 11 – INSURANCE

Consultant shall maintain, during the term of this Agreement, or any extension hereof, the following insurance policy, written by an insurance company authorized to do business within the State of Tennessee, and furnish City, in duplicate, Certificates of Insurance as evidence thereof:

1. Worker's Compensation: Providing coverage in compliance with the laws of the state in which any part of the work is to be performed, and Employer's Liability Coverage in the minimum amount of the statutory limit for each occurrence.

2. Comprehensive (Commercial) General Liability Insurance: Bodily injury and property damage combined single limit in the minimum amount of \$1,000,000.00 for each occurrence.

3. Automobile (Business) Liability Insurance: Bodily injury and property damage combined single limit in the minimum amount of \$1,000,000.00 for each occurrence, \$1,000,000.00 aggregate.

4. Professional Liability Insurance: Professional liability insurance covering claims arising from errors, omissions or negligent acts committed in the performance of professional services under this Agreement with limits of \$1,000,000.00.

ARTICLE 12 - SEVERABILITY

In the event any provision of this Agreement or any instrument delivered in connection herewith shall be held invalid or unenforceable by any court of competent jurisdiction, such holding shall not invalidate or render unenforceable any other provisions hereof or thereof.

ARTICLE 13 - BINDING EFFECT

This Agreement shall inure to the benefit of and shall be binding upon the parties and their respective heirs, administrators, successors and assigns.

ARTICLE 14 - INDEPENDENT CONTRACTOR RELATIONSHIP

It is specifically understood that Consultant relationship with City shall be that of independent contractor and Consultant shall in no sense be considered an agent or employee of City, nor shall Consultant be, as a result of the relationship established by this Agreement, entitled to or eligible to participate in any benefits or privileges extended or given by City to its employees, notwithstanding this Agreement.

ARTICLES 15 - HEADINGS AND EXHIBITS

The paragraph headings in this Agreement are for convenience only, and they form no part of this Agreement and shall not affect its interpretation.

ARTICLE 16 - FORCE MAJEURE

Consultant shall not be liable to City or be deemed to be in breach of this Agreement for any failure or delay in rendering performance arising out of causes beyond Consultant reasonable control and without its fault or negligence. Such causes may include, but are not limited to, acts of God or the public enemy, terrorism, significant fires, floods, earthquakes, epidemics, quarantine restrictions, strikes, freight embargoes, or Governmental Authorities approval delays which are not caused by any act or omission by Consultant and unusually severe weather. Consultant agrees to notify City of the existence and nature of any delay.

ARTICLE 17 - ENTIRE AGREEMENT

This Agreement and accompanying documents contain the entire agreement between the parties with respect to the subject matter hereof and all prior or contemporaneous written or oral agreements with respect to the subject matter hereof are superseded hereby.

IN WITNESS WHEREOF, the City has caused this Agreement to be signed by its authorized representative, and Consultant has caused this Agreement to be signed in its corporate name by its authorized representative as of the day and year first written above.

CITY OF SPRING HILL, TENNESSEE

By: _____

Rick Graham, Mayor

THE CORRADINO GROUP

By: Gerald Bolden

GERALD BOLDEN
(Print Name)

March 5, 2021

Ms. Pam Caskie
Interim City Administrator
City of Spring Hill
199 Town Center Parkway
Spring Hill, TN 37174

**Re: Supplement Scope of Work and Fee Proposal
Buckner Road Transition Widening**

Dear Ms. Caskie:

Attached for your approval is our scope of work and supplemental fee proposal in the amount of \$115,110.00 to provide professional services for interim improvements to Buckner Road. This fee includes a lump sum cost of \$3,600.00 for labor to revise the project and plans that allows the project to be constructed separately from adjacent projects associated with improvements along Buckner Lane and the Buckner Road Interchange, as originally discussed with staff. This fee also includes a Not-To-Exceed cost of \$111,510.00 to be billed hourly for construction engineering inspection (CEI) services and related testing. A detailed scope of work for CEI services to be performed by The Corradino Group and our subconsultants, Energy Land and Infrastructure (ELI) and Civil Infrastructure Associates (CIA), are included along with a detailed breakdown of the hours and costs associated with each task. Costs for CEI services have been estimated based on a construction duration of 90 days.

We are available at your discretion to further discuss and answer any questions the City may have concerning this information. We greatly appreciate this opportunity and look forward to working with you and the City.

Sincerely,

THE CORRADINO GROUP, INC.



Michael A. Biggs, PE, CPESC
Transportation Engineer Manager

CEI Scope of Work
Buckner Road Transition Widening
City of Spring Hill
March 5, 2021

Project Understanding

The Corradino Group (Corradino) understands this project will consist of serving as the City's representative and provide CEI services throughout the life of the project to effectively monitor and oversee construction of the project as defined by the plans and specifications for Buckner Road Transition Widening. Corradino estimates the following CEI tasks based on a 90 day construction schedule. Contract terms are understood to be Hourly with a Not-To-Exceed Fee.

Task 1 – Project Management and Administration

Project management and administration is a continuous task that will be performed for the duration of this contract. This task includes monitoring, coordinating, facilitating, scheduling, and documenting all project tasks.

Each month during the contract, Corradino will prepare and submit a monthly invoice and status report covering work progress and contract fulfillment.

After receipt of the notice-to-proceed, Corradino will conduct a project kick-off meeting with City staff. This meeting will include the following topics:

- Key project staff
- Communications protocol
- Project schedule
- Invoicing
- Monthly progress meetings and reports
- Data and information needs

Once the project is underway, Corradino will provide bi-monthly status reports to the City's Project Manager (PM) and conduct monthly progress meetings with City staff, as necessary. These meetings will include a status update, anticipated next phases of work to be completed, and discussion on any critical items/issues and/or potential issues identified during project development.

Corradino will prepare the agenda for all meetings and provide all necessary materials and handouts for discussion. At the conclusion of each meeting, Corradino will prepare meeting minutes and a cumulative list of "action items" developed for assignment to the appropriate party. These items will be distributed to the attendees and other appropriate stakeholders within five (5) working days following the meeting. All deliverables included within this task will be provided in .pdf format.

Task 2 – Construction Engineering and Inspection (CEI)

Corradino will provide CEI services as outlined in the following sections. Based on discussions with the City, Corradino will provide an inspection team consisting of a Project Manager and full-time inspector for the project. Corradino will coordinate throughout the construction phase with the City's PM accordingly. The inspector will not be required to be on-site during periods when the contractor is inactive.

A. Pre-Construction Conference

Corradino will prepare for and conduct the Pre-Construction Conference; address and resolve all issues that arise at the meeting and prepare and distribute detailed minutes of the meeting. *Erosion Control* and *Utility Coordination* discussion will also be discussed prior to commencing activities to discuss scheduling and operations for these specific items.

B. Project Administration

Corradino will provide project administration and coordinate with the City; monitor Contractors hours worked on the project and justify need for overtime; obtain from the contractor a list of contractor's personnel that will be responsible for any occurrence that may arise on the project for the life of the project.

C. Provide Construction Inspection Technical Support

Corradino will provide qualified personnel for inspection of the project during the construction phase to oversee the Contractor's activities.

D. Supplemental Agreements – Construction Change Orders

Through coordination with the City's inspection team, if the Contractor request a change order, Corradino will review any Supplemental Agreements/Construction Changes; Negotiate prices for additional pay items with the contractor while adhering to the "Average Unit Price" listing when possible; Coordinate acceptance of prices with the City; Prepare the Supplemental Agreement/Construction Change and submit to the City for final review and submittal for processing.

E. Quality Assurance, Testing for Acceptance

Corradino will assist and oversee a subconsultant to monitor and provide materials testing in the field as defined by TDOT specifications. Any certifications of material submitted by the contractor will be reviewed by Corradino for conformity to the Plans and Specifications. A Final Materials and Tests Certification will be included in the Final Records submitted to the City.

F. Progress Payments

Corradino will document and assemble accurate quantities for Monthly Progress Payments to the Contractor from actual project field records. The quantities for payment will be referenced to field records prior to submission for payment. All pay quantities will be submitted to the City for review and payment. Payments for stockpiled material may be made as defined in the Standard Specifications and approved by the Project Supervisor. The Estimate "cut-off" will be the 15th of each month.

G. Distribution of Correspondence

Corradino will maintain a copy of all correspondence between the Consultant, contractor, subcontractors, or others concerning matters related to the project. The correspondence will be submitted with the project Final Records.

H. Inspection of Work

Corradino's inspection team ensure completion of the following tasks:

1. Provide inspection services for conformance to Plans and Specifications for all items that are being incorporated into the project. Corradino will measure and record all quantities for payment and provide daily reports to the City. These daily reports will be provided at a minimum of weekly. The daily records will be recorded on a standard form (field book) and/or on field inspection forms.
2. Check traffic control daily, and additionally as required.
3. Notify the contractor of deficiencies or problems immediately. Document weekly (or as often as necessary) project traffic control and provide to the City.
4. Inspect daily erosion control items for conformance to the plans as well as effectiveness in the field.
5. Prepare an accurate daily diary, signed by the inspector, consisting of:
 - A record of the contractors on the project
 - Their personnel (number and classification)
 - Equipment (number and type or size)
 - Location and work performed by each contractor or subcontractor
 - Orders given the contractor
 - Events of note on the project
 - Accidents on the project and any details surrounding the accident such as police report number, fatalities, causes, time, etc. Obtain a copy of the police report for the project records whenever possible.
 - Weather, amount of precipitation, temperature at morning, noon, and evening, cloudy, clear, etc.
 - Days charged, with explanation if not charged.
 - Equipment arriving or leaving the project, idle equipment.
 - Any other details that may be important later in the project life.
6. Review shop drawings and/or submittals and evaluate for compliance.

Corradino understands that the City does not expect Corradino to be on-site for the entire work day if no work is being performed.

I. Final Records

Corradino will provide a compilation of project records as well as all project documentation to the City. Corradino will make any corrections when/if notified and resubmit the records and a final estimate for the project at the appropriate time and submit all final forms (with the final records).

Task 4 – Utility Coordination & Conflict Resolution

Corradino will coordinate the proposed construction with affected utilities in the area. In the event that conflicts arise, Corradino will work with the City of Spring Hill and/or other parties (Contractor, respective utility, etc.) to make adequate field adjustments and/or suitable revision(s) to the plans that will resolve, improve, or redesign the situation and help reduce delays. These situations will be handled on a case-by-case basis.

Task 5 – As-Built Development

Corradino will develop as-built plans showing the location of constructed improvements. Final as-built plans (in .pdf format) and survey files (in Microstation .dgn format) will be delivered to the City upon completion of the project.

Task 6 – Additional Services

Services not identified in this scope of work and/or additional work performed shall be considered additional services to be billed per the hourly rate schedule shown in Exhibit A only as approved by the City of Spring Hill.

SUPPLEMENT FEE SUMMARY
BUCKNER ROAD TRANSITION WIDENING

March 5, 2021

PHASE	TOTAL
1. PROJECT MANAGEMENT & COORDINATION	\$0.00
2. PRELIMINARY ENGINEERING	\$0.00
3. ROW PLANS	\$0.00
4. REVISE FINAL / CONSTRUCTION PLANS 	\$3,600.00
5. BIDDING ASSISTANCE	\$0.00
6. CONSTRUCTION ENGINEERING AND INSPECTION	\$101,138.00
Subconsultant Services	
Construction Testing (CIA)	\$2,160.00
As-Built Survey (ELI)	\$8,212.00
ESTIMATED FEE	\$115,110.00

 COSTS FOR THIS TASK ARE LUMP SUM PER THE ORIGINAL CONTRACT FOR WORK
ALL COSTS RELATED TO CONSTRUCTION AND CEI SHALL BE HOURLY NOT-TO-EXCEED



**ENERGY LAND &
INFRASTRUCTURE**

SCOPE AND FEE ESTIMATE
Buckner Road Construction
CITY OF SPRING HILL, WILLIAMSON COUNTY, TN

Surveying Services

MANHOUR ESTIMATE									
TASK	RLS	TECH	PC	IM					HOURS
Survey Data Collection (Interim & Final Sections)	3		32	32					67
Process and Compile Survey Data	1	4							5
Develop Digital Terrain Models (Interim & Final)	1	4							5
Develop Deliverables	1	8							
Project Manangement	4								4
TOTAL MANHOURS	10	16	32	32					81

Surveying Services

COST PROPOSAL							Hours	Rate	Amount
RLS - Registered Surveyor / Survey Project Manager							10	\$ 150.00	\$1,500.00
TECH - Cadd/Design Technician							16	\$ 110.00	\$1,760.00
PC - Survey Party Chief							32	\$ 90.00	\$2,880.00
IM - Survey Instrument Man							32	\$ 60.00	\$1,920.00
Subtotal									\$8,060.00
Direct Cost									
Mileage				316	miles	\$ 0.47 /miles	\$148.5		
Printing (11 x 17 Plan Sheets)				10	sheets	\$ 0.35 /sheet	\$3.50		
Deeds & Plats				0	tracts	\$ 1.00 /each	\$0.00		
Printing (Full Size Bond Plan Sheets)				0	sheets	\$ 2.00 /sheet	\$0.00		
Total Direct Costs									\$152.00
TOTAL COST - SURVEYING SERVICES									\$8,212.00

Survey Scope of Work

ELI will provide as-built survey data collection for roadway improvements near the current east terminus of Buckner Road at Buckner Lane in Spring Hill. An interim survey will be performed near completion of grading for subgrade verification and a DTM surface (TIN) file will be provided to the client for their use. At construction completion, a final survey will be provided to locate final surface elevations, curbing and pavement edges, walls, striping, guardrail, signage, and stormwater drainage features. Final deliverables will include a CAD file of the collected roadway features and a final DTM surface (TIN) file. The survey will be tied to the Tennessee Geodetic Reference Network and delivered in datum adjusted Tennessee State Plane Coordinate Values. The limited scope survey will be delivered in TDOT Microstation/GEOPAK format.

March 5, 2021

Mr. Mike Biggs, PE
 Transportation Engineer Manager
 The Corradino Group
 7000 Executive Center Drive, Suite 2-250
 Brentwood, Tennessee 37027

**Re: Proposal for Construction Materials Testing Services
 Buckner Road Widening
 Spring Hill, Williamson County, Tennessee
 CIA Proposal No. 2021-303P**

Dear Mr. Biggs:

CIA, LLC is pleased to submit this proposal to provide construction materials testing services for the referenced project. This proposal is based on project information provided to us and presents our scope of services, fee, and schedule information.

SCOPE OF SERVICES

CIA scope for this project will be to provide density testing of subgrade and base stone materials utilizing a nuclear density gauge as directed in locations to be determined by Corradino or, with Corradino's approval, the contractor. Based on preliminary conversation, we understand approximately four site visits will be required to complete the required density testing.

FEE SCHEDULE AND AUTHORIZATION

It is our understanding that the density testing work will be contracted under a unit price contract. Based on our understanding of the project, our estimated fees are outlined below. Mobilization time and milage are included in the unit rates shown below. The Total Not-to-Exceed Cost was developed assuming four site visits at six hours each.

1.00 Construction Materials Testing Technician	\$90 per hour (4 hour minimum)
Total Not-to-Exceed Costs	\$2,160.00

We will discuss with you any expected modifications in scope of services and fee if necessary.

Closing

We appreciate the opportunity to support the construction efforts for this project and look forward to working with you in the future. If you have any questions, please feel free to contact our office.

Sincerely,
CIA, CIVIL INFRASTRUCTURE ASSOCIATES, LLC



Matt Bullard, PE
Vice President
Director of Geotechnical Services

THE CORRADINO GROUP, INC.

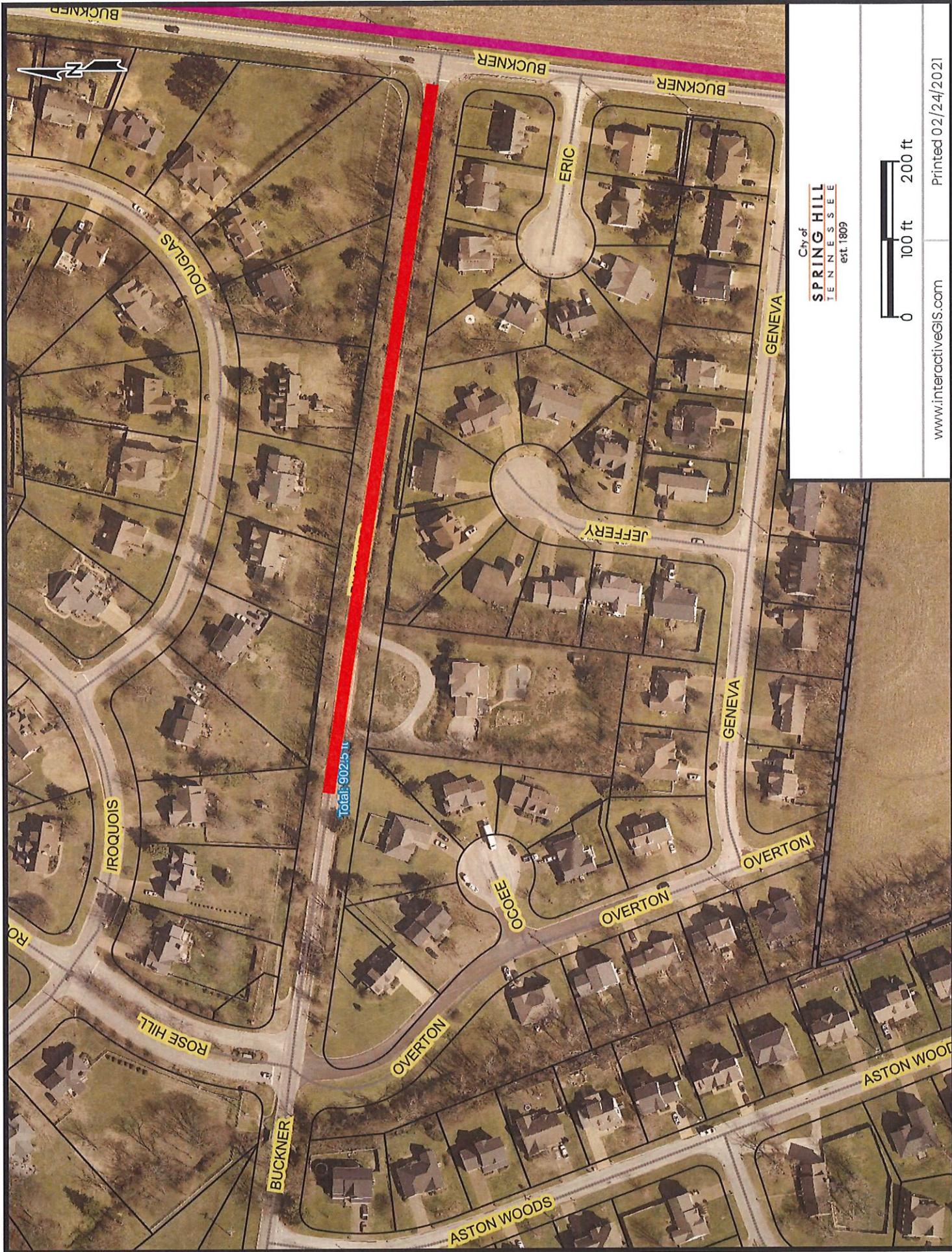
CORRADINO

ENGINEERS • PLANNERS • PROGRAM MANAGERS • ENVIRONMENTAL SCIENTISTS

EXHIBIT A

2021 CLASSIFICATION HOURLY RATE SCHEDULE

Principal.....	\$240.00
Project Manager.....	\$220.00
Senior ITS Engineer.....	\$210.00
Senior Design Engineer.....	\$192.00
Staff Engineer.....	\$145.00
Engineer Intern.....	\$100.00
Senior Planner.....	\$145.00
Staff Planner.....	\$115.00
Construction Manager.....	\$180.00
Inspector.....	\$100.00
Travel Demand Modeler.....	\$145.00
Technician.....	\$100.00
Administrative.....	\$70.00



City of
SPRING HILL
T E N N E S S E E
est. 1809

