

RESOLUTION 24-113

A RESOLUTION TO AUTHORIZE THE MAYOR TO SIGN A FEE PROPOSAL WITH THE CORRADINO GROUP FOR DESIGN SERVICES FOR AN ALTERNATIVE LAYOUT OF KEDRON ROAD AND OLD KEDRON ROAD

WHEREAS, the City of Spring Hill contracts with The Corradino Group for on-call engineering services; and

WHEREAS, The Corradino Group has submitted a Scope of Work and Fee Proposal for design services for an alternative conceptual layout of Kedron Road and Old Kedron Road in the amount of \$17,475.00, attached hereto as Exhibit A; and

WHEREAS, the proposal includes services for coordination and project management, conceptual layout and opinion of probably cost; and

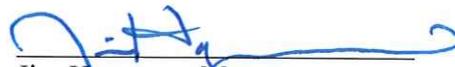
WHEREAS, staff recommends approval of cost proposal; and

WHEREAS, payment for the services will be expensed from the Capital Projects Fund.

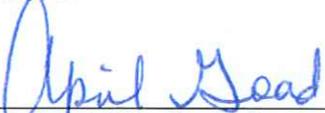
NOW, THEREFORE BE IT RESOLVED, the City of Spring Hill Board of Mayor and Aldermen:

1. Approve the Cost Proposal with The Corradino Group for design services for an alternative conceptual layout of Kedron Road and Old Kedron Road in the amount of \$17,475.00, Exhibit A attached hereto.
2. Authorize the Mayor to execute the Scope of Work and Fee Proposal.

Passed and Adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee on the 20th day of May, 2024.


Jim Hagaman, Mayor

ATTEST:


April Goad, City Recorder

LEGAL FORM APPROVED:


Patrick Carter, City Attorney



REQUEST: **Approval of Resolution 24-113**

SUBMITTED BY: Tyler Scroggins, Public Works Director

DATE: May 20, 2024

RE: **Authorize the Mayor to sign a fee proposal with The Corradino Group for design services for an alternative layout of Kedron Rd and Old Kedron Rd**

BACKGROUND:

Staff and The Corradino Group presented a discussion item to BOMA at the May 6, 2024 meeting in regards to potential redesign of the Kedron Road and Old Kedron Road intersection. This redesign included an alternative alignment of the intersection to help alleviate some of the through traffic along US-31 and to mitigate flooding impacts. BOMA approved for The Corradino Group to move forward with the preparation of a Scope of Work and Fee Proposal for these design services. Total fee would be \$17,475.00.

FINANCIAL IMPACT:

Funding for the fee proposal would be paid from the Capital Projects Fund.

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 24-113.

THE CORRADINO GROUP, INC.

CORRADINO

ENGINEERS • PLANNERS • PROGRAM MANAGERS • ENVIRONMENTAL SCIENTISTS

May 13, 2024

Ms. Missy Stahl, CMFO
CIP Manager
City of Spring Hill
PO Box 789
Spring Hill, TN 37174

**Re: Scope of Work and Fee Proposal
Kedron Road and Old Kedron Road Intersection and Old Kedron Road Corridor**

Dear Ms. Stahl:

Attached for your approval is our scope of work and total lump sum fee proposal in the amount of \$17,475.00 to provide professional services for the completion of the Alternative Conceptual Layout, and the Engineer's Opinion of the Probable Cost of improvements for Kedron Road and Old Kedron Road intersection and along Old Kedron Road from Kedron Road to just south of Duplex Road, along with a comparison memorandum between the original conceptual layout and the alternative intersection layout. The detailed Scope of Work is included as Attachment A.

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.



Gerald G. Bolden, PE, PTOE
Vice President

ACCEPTED BY:


Signature

Jim Hagaman, Mayor
Printed Name and Title

City of Spring Hill
Agency

5-20-2024
Date

MAY 13, 2024

EXHIBIT A

SCOPE OF SERVICES (ADDITIONAL SCOPE OF WORK TO CONCEPTUAL LAYOUT OF IMPROVEMENTS TO KEDRON ROAD – APPROVED AS RESOLUTION 23-230)

KEDRON ROAD @ OLD KEDRON ROAD INTERSECTION AND OLD KEDRON ROAD CORRIDOR – CONCEPTUAL LAYOUT AND ENGINEER’S OPINION OF PROBABLE COST

The Corradino Group (Corradino) understands the following item(s) to be included within the scope of work for the referenced project:

As developments continue to be planned and constructed within and around the Kedron Road corridor, the intersection of Kedron Road and Old Kedron Road has become a location of capacity and operational concerns. Additionally, Old Kedron Road in the vicinity of Kedron Road and to the north towards Duplex Road regularly experiences roadway closures due to flooding.

Corradino and City staff have been discussing potential improvement concepts for this area of the City. Overall, the goal would be to help alleviate some of the through traffic along the US-31 (Main Street) corridor through Old Town improvements, improve Old Kedron Road to mitigate flooding impacts and improve overall traffic operations and connectivity in this area of the city.

After the discussion at the May 6th BOMA meeting, the City staff requested Corradino to prepare this scope of work for the development of the conceptual plan for the alternative alignment of the Kedron Road and Old Kedron Road intersection, the layout of the Old Kedron Road corridor improvements for use as part of the potential flood mitigation grant application, development of an Engineer’s Opinion of Probable Cost and prepare a comparison of the original Kedron Road conceptual alignment and the alternative alignment.

The general tasks include coordination with the City staff, development of basic conceptual layout, completion of an Engineer’s Opinion of Probable Cost, and completing a comparison of the two alternatives. A detailed scope of services is provided below.

Task 1 Coordination & Project Management

- 1.1 Corradino will coordinate with City staff throughout the development of the project.
- 1.2 Corradino will prepare and submit invoices and project status reports monthly to the City’s PM.

Task 2: Conceptual Layout & Opinion of Probable Cost

- 2.1 Corradino will prepare a basic concept drawing from generally Reserve Boulevard intersection with Kedron Road to the north with a realigned Old Kedron Road intersection, such that no turning maneuver is required to continue along Kedron Road to Old Kedron Road, and concluding just south of Duplex Road. The layout will be prepared on aerial imagery and will show the centerline, proposed lanage, sidewalk on one side and multiuse path on the other, basic intersection geometry, and general proposed right-of-way limits.

In general, the typical section will be a three-lane section. The lane configuration will include the proposed roadway improvements identified as part of the Kedron Square, Legacy Point and Shadow Ridge developments.

- 2.2 Corradino will prepare an Opinion of Probable Cost to include engineering design, NEPA, construction, and CEI. The cost will be based on recent bid items (such as Buckner Lane) and TDOT unit cost. Corradino will coordinate with City staff to determine a reasonable annual inflation rate to be applied to the base year cost to develop a projected year cost.
- 2.3 Corradino will coordinate with the City and the development teams for Kedron Square, Legacy Point and Shadow Ridge to calculate cost allocations for each of the involved parties. The cost allocations will be based on the Engineer's Opinion of Probable Cost, the identified required improvements from the development traffic impact studies (phased and/or ultimate), the current and proposed roadway network within the study area, and any immediate proposed/approved developments impacting the Kedron Road corridor study area.
- 2.4 Corradino will prepare and submit to the City a comparison memorandum between the original Kedron Road concept (widening of Kedron Road along existing alignment) and the alternative concept with Kedron Road to Old Kedron Road as a straight through movement.

NOTES:

1. *There will not be an actual field survey for the corridor. The concept plan development will be based on the City's GIS database, including contours, utilities, property boundaries, etc.*
2. *The concept plan will not include hydraulic design for ditches, closed storm drainage, culverts or bridges.*
3. *The right-of-way for the concept plan will be based on City GIS database. Any proposed right-of-way or easements will be an estimation based on best available data and not field survey.*

Additional Services

Services not specifically mentioned, outside the project limits, or beyond the scope of services in Task 1-2 can be negotiated as additional services based on the hourly rate schedule for The Corradino Group.