

EMERGENCY RESOLUTION NO. 49-2018

A RESOLUTION AUTHORIZING THE CITY MANAGER TO ENTER INTO AN AGREEMENT BY AND BETWEEN THE CITY OF MONROE AND CT CONSULTANTS FOR PROFESSIONAL ENGINEERING SERVICES FOR THE DESIGN OF INTERSECTION IMPROVEMENTS TO STATE ROUTE 63 AND LAWTON AVENUE AND DECLARING AN EMERGENCY.

WHEREAS, improvements to the interchange in 2000 did not include completion of the improvements to the Lawton Avenue intersection or the addition of a third lane of westbound State Route 63 ending at American Way; and

WHEREAS, the improvements will allow for a dedicated turn lane for the westbound traffic that will include a large amount of semi-truck traffic turning on Lawton Avenue.

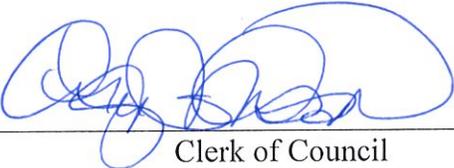
NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF MONROE, STATE OF OHIO, THAT:

SECTION 1: The City Manager is hereby authorized to enter into an agreement by and between the City of Monroe and CT Consultants for professional engineering services for the design of intersection improvements to State Route 63 and Lawton Avenue pursuant to the terms and conditions set forth on Exhibit "A" attached hereto and made a part hereof.

SECTION 2: This measure is hereby declared to be an emergency measure necessary for the immediate preservation of the public peace, health, safety and welfare and further for the reason that Council desires to proceed with the within described improvements at the earliest possible date to improve the flow of traffic in this area. Therefore, this measure shall take effect and be in full force from and after its passage.

PASSED August 14, 2018

ATTEST:



Clerk of Council

APPROVED:



Mayor

This legislation was enacted in an open meeting pursuant to the terms and provisions of the Sunshine Law, Section 121.22 of the Ohio Public

I, the undersigned Clerk of Council of the city of Monroe, Ohio, hereby certify the foregoing (ordinance or resolution) was published as required by Section 7.16 of the Charter of the City of Monroe.



Clerk of Council
City of Monroe, Ohio



July 26, 2018

Dan Arthur P.E.
Public Works Director
City of Monroe
1000 Holman Dr.
Monroe, Ohio 45050

RE: SR 63 at Lawton Avenue, widening for addition of SR 63 WB Right Turn Lane and Lawton Ave. Right Turn Lane P180691

Dear Mr. Arthur:

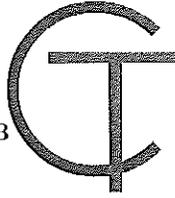
We are pleased to present this design proposal for the widening of SR 63 to provide a right turn lane from American Way to Lawton Avenue and approximately 200 LF of widening on Lawton Avenue to provide a right turn lane.

The construction scope will consist of the following:

1. Approximately 800 LF of widening on SR 63
 - a. Remove existing paved shoulder, which based on plan typical sections has a thickness less than the current travel lanes
 - b. Construct a 12' wide concrete lane for the right turn movement (asphalt in the area approximately 80' from Lawton)
 - c. Construct a 10' wide concrete shoulder (asphalt in the area approximately 80' from Lawton)
 - d. The type of drainage will continue as it current exists via flow off the edge of pavement to existing ditch system
 - e. New pavement markings and additional signage
2. Approximately 200 LF of widening on Lawton Avenue
 - a. Widening with an asphalt composition pavement to provide 22' width for the two southbound lanes (11' right turn lane and 11' left turn lane)
 - b. Widening with an asphalt composition pavement to provide 3' shoulder
 - c. In the area of the Lawton widening, mill 3" of the existing pavement (entire width) and provide 1.5" intermediate course and 1.5" surface course.
 - d. The type of drainage will continue as it current exists via flow off the edge of pavement to existing ditch system
 - e. New pavement markings and additional signage

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3. Minor modifications to the existing traffic signal at Lawton Avenue
 - a. New radar traffic detection

4. Minor modifications to the existing traffic signal at American Way
 - a. New radar traffic detection
 - b. Guardrail to protect the existing signal poles at the northeast and northwest corners (required due to reduced clear zone distance at the northwest signal pole and the continuation of the right only lane adjacent to the northeast signal pole at American Way)

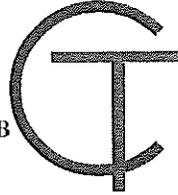
The design service scope will consist of the following:

- Geotechnical; borings for pavement design
- Field survey for design
- Courthouse research and right of way resolution
- Coordination with utilities
- Coordination with ODOT to obtain permit for work within the Limited Access right of way. (See Note 1)
- Preparation of plan, profile and cross sections for the noted widening.
- Preparation of general notes sheet
- Preparation of detail sheet
- Preparation of maintenance of traffic notes
- Preparation of special provisions
- Preparation of traffic signal modification plan and general notes sheet
- Preparation of traffic control plan and general notes sheet
- Preparation of quantities and update opinion of construction cost
- Meet with City to review plans at 50% and 90% design level as well as the final plan set
- Submit plan documents in both hard copy and PDF electronic form to City
- Submit special provisions in both hard copy and PDF electronic form to City
- At the direction of the City respond to contractor questions during the bid period (See Note 2)
- Review of submitted bids and prepare recommendation letter

NOTES:

- 1—The proposal fee does not include any time/cost for environmental documentation. As confirmed with ODOT, since local funds are being

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utilized for the project and there is no anticipated modifications to the existing Limited Access right of way for SR 63, environmental documentation will not be required.

2—The proposal fee does not include preparation of the final contract documents for bid, cost for the legal notice advertising or printing. It is assumed that CT will supply PDF electronic forms of the plan sheets, special provisions, quantity sheets, etc. for the City to utilize in preparing the final bid package.

Design Fee for Design and Plan Preparation

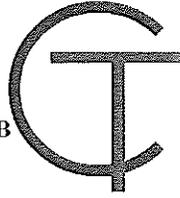
• Field survey and preparation of roadway base sheets	\$ 5,500.00
• Borings to determine pavement composition	\$ 5,000.00
• Preliminary roadway design / utility coordination	\$ 2,000.00
• Typical sections	\$ 1,350.00
• Detailed plan sheets	\$ 5,400.00
• Cross sections	\$ 3,800.00
• General notes / Maintenance of traffic notes	\$ 2,500.00
• Traffic signal modification detailed plans	\$ 4,450.00
• Special provisions	\$ 1,000.00
• Quantities / opinion of construction cost	\$ 3,000.00
Total	\$ 34,000.00

In this most recent review of the concept for the SR 63 widening, it was determined that since the right only lane at American Way would now, at the location of the American Way intersection, be a through lane, the clear zone distance at the northwest signal pole and the northeast signal pole would not be sufficient. Therefore guardrail will need to be added at each pole location. In addition, due to the effect on the existing stop bars at the southbound lanes of American Way, which will result from the widening, and the subsequent effect on the loop detection, additional radar detection units will need to be added. Based on these items of additional construction work, our concept level opinion of construction cost has been revised from \$330,000 to \$360,000

The above noted fee does not include cost for the preparation of documents for right of way acquisition. Until the plans are completed to a level of detail to determine the extent of required additional right of way, a fee to prepare right of way documents cannot be determined.

If right of way is required for the project, our fee would be based on the preparation of legal description and exhibits for permanent highway easements with the legal narrative document for

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signature and recording being supplied by the City. Right of way negotiations and the recording of the easements would be completed by the City.

Assuming that one permanent highway easement is required, the fee required to prepare the above noted documents would be \$1000.00

The project schedule based on notification to proceed by August 6 would be as follows:

- Field survey week of August 6, 2018
- Complete base sheets week of August 13, 2018
- Borings for pavement design week of August 20, 2018
- 50% plans ready for review by the City September 19, 2018
- 90% plans ready for review by the City October 31, 2018
- Final plans complete December 12, 2018
- Obtain ODOT permit January 18, 2019
- Advertise for bids week of January 28, 2019
- Construction spring of 2019

Thank you very much for this opportunity to allow CT Consultants to be a part of the growth of the City of Monroe.

Sincerely,

CT Consultants

Don Shvegza
Manager, Municipal Engineering