



Town of Johnstown

TOWN COUNCIL AGENDA COMMUNICATIONS

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| AGENDA DATE: | May 16, 2022 |
| SUBJECT: | Contract with JWO Engineering |
| ACTION PROPOSED: | Approval of a contract with JDO Engineering in an amount not to exceed \$290,000 and approval for Town Manager to sign the final contract. |
| ATTACHMENTS: | <ol style="list-style-type: none">1. Contract2. Scope of Work3. Site Map |
| PRESENTED BY: | Troy White, Public Works Director |

AGENDA ITEM DESCRIPTION:

With the recent private development, schools, and soon to be commercial development along Highway 60 from Parish Ave to I-25, there is a need to master plan this section of roadway. Additionally, the intersection of Highway 60 and Carlson Blvd. has recently warranted a traffic signal.

The masterplan for this section of Highway 60 will assist the Town in understanding what the short-term and long-term improvements are that need to be installed. The master plan will encapsulate all existing and planned transportation needs of the roadway and will identify rights-of-way needs to accommodate the future widening of the corridor. The plan will determine the roadway width, lane configuration, and geometric layout for the ultimate road section. Furthermore, the master plan will include the ultimate width and geometric layout for each signalized intersection along the corridor.

Through the plan, the Town will have the necessary information for what improvements are needed as development occurs. The end result will be better traffic flow along and adjacent to Highway 60 corridor.

Finally, this master plan will include the full design of the traffic signal at Carlson Blvd. and Highway 60 that was recently warranted.

Funds were not allocated for work related to the Highway 60 corridor assessment and design, but the need for addressing this corridor has never been more present and essential than now with the pending development. A budget amendment may be necessary at the end of the fiscal year based on the funds expended in FY 2022.

The Master Planning is broken up into three (3) Tasks.

Task 1 - \$51,000 (2 months)

Task One (1) will consist of data collection that will be used to prepare a feasibility study of the corridor and includes:

- Gathering of as-builts and intersection plans.
- Evaluation off existing traffic signal timing plans.

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- Digital aerial photography, property lines, and GIS layers necessary to understand project limits and future ROW needs.
- Crash Reports for the last 5 years.
- FEMA floodplain and floodway mapping.
- Future development plans and review of Comprehensive Plans.
- Evaluation of previous environmental and other corridor documents.

Task 2 - \$111,000 (4 Months)

Task Two (2) will consist of conducting the system feasibility study and will include:

- Identifying design criteria.
- Traffic Study and Analysis including trip generation and corridor traffic models.
- Future traffic projects analysis for build out conditions.
- Development of functional requirements bases on Traffic Studies.
- Development of Geometric recommendations.
- Development of Concepts and design alternatives – working session with Town Council.
- Development of a preferred alternative.
- Exhibits for public outreach.

Task 3 - \$128,000 (4 months and will run concurrent with task 2)

This task will consist of preliminary and final design of the traffic signal at Carlson Blvd. and Highway 60 and will include:

- Project meetings.
- Subsurface Utility Engineering (SUE).
- CDOT Coordination
- Survey
- Environmental Clearance
- Preliminary and Final Design of Intersection

LEGAL ADVICE:

The Town’s Standard Professional Agreement will be used. A template of that agreement is attached.

FINANCIAL ADVICE:

A budget amendment may be necessary at the end of FY 2022 to accommodate this contracted expenditure.

RECOMMENDED ACTION: Staff recommends approval of the contract with JDO Engineering in an amount not to exceed \$290,000 and approval for Town Manager to sign final contract.

SUGGESTED MOTIONS:

For Approval: I move to approve the contract with JWO Engineering in an amount not to exceed \$290,000 and approval for Town Manager to sign the final contract.

For Denial: I move to deny a contract with JWO Engineering in an amount not to exceed \$290,000 and approval for Town Manager to sign the final contract.

Reviewed and Approved for Presentation,



Town Manager

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