



Legislation Details (With Text)

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Title:	Construct Arrowood Road Intelligent Transportation System				

Attachments:

Date	Ver.	Action By	Action	Result
9/12/2022	1	City Council Business Meeting	Approve	

Construct Arrowood Road Intelligent Transportation System

Action:

Approve a contract in the amount of \$719,774.75 to the lowest responsive bidder Whiting Construction Company, Inc. for the Arrowood Road Intelligent Transportation System project.

Staff Resource(s):

Debbie Smith, Transportation
David Smith, Transportation
Ashley Boenisch, Transportation

Explanation

- An Intelligent Transportation System (ITS) provides communication channels between vehicles and infrastructure, such as traffic signals. This connectivity supports current and future initiatives by using technology to improve safety and maximize the capacity of existing roadway infrastructure, as described in the "Innovative" policy of the Strategic Mobility Plan.
- This ITS project supports the ITS Master Plan by extending communications along Arrowood Road from South Tryon Street to South Boulevard in Council District 3. The project includes:
 - Installation of approximately 3.2 miles of fiber optic cable,
 - Connections to nine existing traffic signals, and
 - Installation of 11 traffic management cameras.
- On June 30, 2022, the city issued an Invitation to Bid (ITB); two bids were received.
 - NC General Statute Section 143-132 prohibits municipalities from awarding construction contracts over \$500,000 without receiving at least three competitive bids from the initial advertisement of the contract. The city may subsequently award the contract even if re-advertisements result in fewer than three competitive bids.
- On August 2, 2022, the ITB was re-issued; one bid was received.
- Whiting Construction Company, Inc. was selected as the lowest responsive, responsible bidder.
- Total construction cost is \$719,774.75 and is composed of:
 - 484,752 in Federal funds through the Congestion Mitigation and Air Quality Grant, and
 - \$235,022.75 in city General Capital Investment Plan funds.
- The project is anticipated to be complete by the third quarter of 2023.

Disadvantaged Business Enterprise

Pursuant to the Department of Transportation DBE Program, subpart C, no DBE utilization goal was set for this solicitation due to limited subcontracting opportunities.

Fiscal Note

Funding: General Capital Investment Plan and Congestion Mitigation and Air Quality Grant