



AGENDA ITEM SUMMARY # 5

MEETING DATE: December 6, 2022

ITEM TITLE: Consideration of RFQ – Juniper/Trinitie Culvert Bridge

ITEM SUMMARY:

At the September 20, 2022, workshop meeting, the Town Council received a presentation from Kimley Horn which included three alternatives for the replacement of the Trinitie/Juniper Bridge. The alternatives presented included a cast-in-place reinforced concrete flat slab bridge, a cored slab bridge, and a prefabricated buried arch structure. At the October 4 Regular Meeting, the Town Council directed town staff to advertise a Request for Qualifications to seek a qualified firm capable of providing planning and design services for a cored slab bridge for the Juniper/Trinitie Trail Bridge Replacement Project. The work will include, but is not limited to hydraulic design, geotechnical investigations with foundation recommendations, location and surveys, erosion control plans, roadway design, structure design, preparation of permit application, preparation of planning document, preparation of construction contract proposal and estimates, and utility conflict plans.

Four RFQs were received from the engineering firms SEPI, Kimley-Horn, TGS Engineers and Stewart. The RFQs were evaluated by the Town Manager, Town Engineer, Deputy Town Manager/Planning Director and the Public Works Director. The evaluation focused on company experience and qualifications, professional experience, project understanding and approach, and quality assurance and quality control. Kimley-Horn scored the highest in all four categories. Town staff has familiarity and experience working with three of these firms. Kimley-Horn was the firm that designed and managed the construction of the Tall Pine Bridge. Their familiarity with the area, building similar bridges in residential areas, their extensive work in the NCDOT Division One and excellent reference feedback are part of the reasons for their selection.

STAFF RECOMMENDATION: Staff recommends that the Town Council pass a motion to authorize the Town Manager to initiate a contract with Kimley-Horn for the construction of the

cored slab bridge for the culvert replacement at Trinitie/Juniper Trail. This contract will be brought back to the Council for their approval at a future meeting.

REQUESTED ACTION: Authorize the town manager to negotiate a contract with the recommended engineering firm, Kimley-Horn.