



**STAFF REPORT**  
**1/24/2024**

**TO:** Honorable Mayor and City Council Members

**FROM:** Cástulo R. Estrada, Utilities Manager

**SUBJECT:** Proposal for Coachella Sanitary District Tyler Street Capacity Improvements for on-call Professional Services with Dudek in the amount of \$142,808.00.

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**STAFF RECOMMENDATION:**

Authorize the City Manager to use the on-call Professional Service Agreement with Dudek in the amount of \$142,808.00 for engineering design and construction support services for the Tyler Street Capacity Improvements S-18.

**BACKGROUND:**

The City of Coachella sewer system also known as the Coachella Sanitary District consists of sewers that collect local flows generated from the City's residential, commercial, and industrial areas and other areas outside the city limits and discharge to the City's wastewater treatment plant on Avenue 54 with a capacity of 4.5 million gallons per day.

The Coachella Sanitary District's collection system includes about 100 miles of sanitary sewers ranging in size from 4 inches to 54 inches in diameter. The system has about 1,700 manholes and two main pump stations.

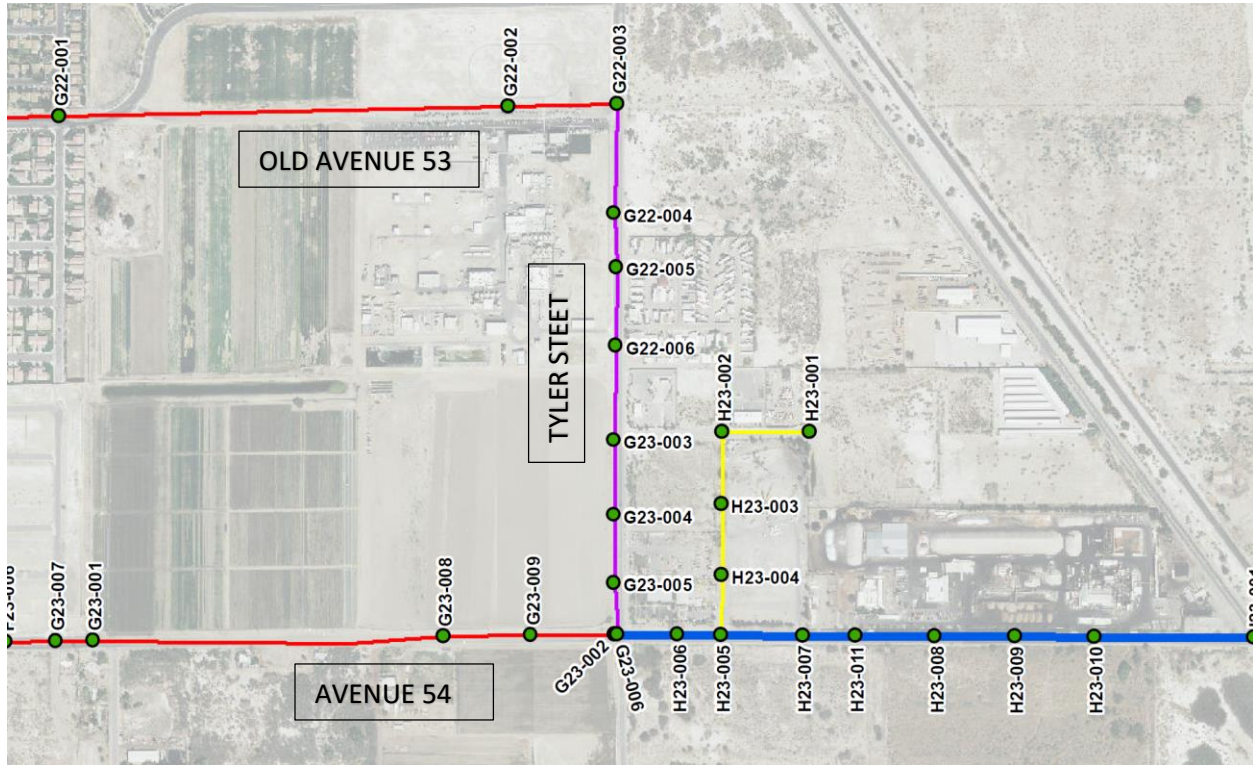
**DISCUSSION/ANALYSIS:**

In 2015 the City of Coachella through its Coachella Sanitary District completed the City of Coachella 2015 Sewer Master Plan. The Master Plan evaluated the system capacity at that time and identified existing and future deficiencies in the collection system as a result of future developments through year 2040 planning horizon, the Plan sized pipes and pump stations to convey 2040 peak flows and prioritized phased recommended improvements.

The section on Tyler Street between Avenue 53 and Avenue 54 is priority one on the Master Plan, the pipe has exceeded its design criteria and is beginning to surcharge due to lack of capacity. This section of pipe continues to receive upstream flows from developments that are being completed in the northern service areas.

Figure – 1 shows the section of Tyler Street (G22-003 – G23-006), approximately 2,663 linear feet of 8" diameter sewer that the Master Plan recommends be replaced with a new 15" diameter sewer main to increase capacity to meet the District's design criteria and accommodate future flows.

**Figure – 1**



**FISCAL IMPACT:**

The project will be funded from the approved on-call engineering services budget. The funds will be allocated from the Sewer Connection Fund (360) attributed to CIP S-18 which appropriated \$60,000 in budget FY23/24. Staff requests an additional \$82,808.00 is authorized from the (360) to fully fund this proposal.

The Utilities Department has \$2.2 million of ARPA funding set aside for Utility Projects. We estimate that \$1.5 million will be encumbered for the construction of this project. Our goal is to complete design by June 2024 and begin construction shortly thereafter.

**ATTACHMENTS:**

1. Dudek Proposal
2. Dudek On-call Services PSA