



ENGINEERING SERVICES

To: Mayor and Town Council

From: Pete Anaya, P.E., Assistant Director of Engineering – Capital Projects

**Through: Mario Canizares, Town Manager
Chuck Ewing, Assistant Town Manager
Hulon T. Webb, Jr., P.E., Director of Engineering Services**

**Re: Construction of Three (3) Pedestrian Hybrid Beacons (PHB)
First/Copper Canyon, First/Chaucer, Gee/Lockwood**

Town Council Meeting – May 27, 2025

Strategic Visioning Priority: 1. Acceleration of Infrastructure

Agenda Item:

Consider and act upon authorizing the Town Manager to enter into an agreement with Mels Electric LLC, related to the construction of three (3) Pedestrian Hybrid Beacons (PHB) at First/Copper Canyon, First/Chaucer, and Gee/Lockwood for \$628,178.

Description of Agenda Item:

On October 24, 2023, the Town entered into a Professional Engineering Services Agreement with Lee Engineering, Inc., for the design of a traffic signal at Gee Road and Acacia Parkway and design of PHB's at First/Copper Canyon, First/Chaucer, and Gee/Lockwood locations.

At the September 24, 2024, Town Council meeting, the Town Council approved the purchase of traffic signal poles, mast arms, cabinets, battery backup units (BBU), and related equipment were from Consolidated Traffic Controls, Inc. The delivery of these traffic related equipment items is anticipated in early July 2025.

The proposed scope of work involves the installation of the pre-ordered traffic related equipment items along with all work related to the installation of three (3) PHB's including drilling the pole foundations, installation of conduits, electric conductors, signal cables, signal heads, traffic controller and cabinet, sidewalks, curb & gutter, ADA curb ramps, and traffic signs. Since time is of the essence to complete the construction of the three (3) PHB's before the first day of school on August 12, 2025, the Engineering Department contacted the City of Garland to utilize their existing contract for "Traffic Signal Installations/Modernizations" from Mels Electric LLC. The Town is able to utilize the City of Garland's contract with Mels Electric LLC, under an existing Interlocal Agreement with the Collin County Governmental Purchase Forum.

The Town has previously used Mels Electric LLC, on several Town projects with satisfactory results. Upon approval, they will mobilize to the construction site within 30 days and be completed with the construction of the three (3) PHB's by August 8, 2025.

Budget Impact:

The cost for the construction of this project is \$628,177.63, which is less than the Engineer's Estimate of \$667,263.36. The funding for this project is broken out into the following accounts.

TR202417 CONST-CONST \$227,674.56 (Gee/Lockwood)
TR202418 CONST-CONST \$206,486.71 (First/Copper Canyon)
TR202419 CONST-CONST \$194,016.36 (First/Chaucer)

Prior Encumber Amounts: (Pre-Ordered Equipment)
TR202417 CONST-CONST \$89,188 (Gee/Lockwood)
TR202418 CONST-CONST \$84,317 (First/Copper Canyon)
TR202419 CONST-CONST \$82,108 (First/Chaucer)

Prior Encumber Amounts: (Design Fee)
TR202417 DESGN-DESIGN \$29,250 (Gee/Lockwood)
TR202418 DESGN-DESIGN \$29,250 (First/Copper Canyon)
TR202419 DESGN-DESIGN \$29,250 (First/Chaucer)

The total budgeted amount for design and construction of the three (3) PHB's is \$777,600, and the total costs is \$971,540.63. The balance of \$193,940.63, and a \$33,000 contingency will be funded from CIP Project Number 2501-TR Traffic Improvement Projects.

Legal Obligations and Review:

Terrence Welch of Brown & Hofmeister, L.L.P., has approved the attached documents as to form and legality.

Attached Documents:

1. Proposal from Mels Electric LLC
2. Location Map

Town Staff Recommendation:

Town Staff recommend the Town Council authorize the Town Manager to execute an agreement with Mels Electric LLC, related to the construction of three (3) Pedestrian Hybrid Beacons (PHB) at First/Copper Canyon, First/Chaucer, and Gee/Lockwood for \$628,178.

Proposed Motion:

I move to authorize the Town Manager to execute an agreement with Mels Electric, LLC, related to the construction of three (3) Pedestrian Hybrid Beacons (PHB) at First/Copper Canyon, First/Chaucer, and Gee/Lockwood for \$628,178.