

G. Task Order for the Design of Traffic Signal and Intersection Improvements at East Palm Canyon Drive and Cree Road

Recommendation: Approve Task Order 01 for engineering design services of a traffic signal at the intersection of East Palm Canyon Drive and Cree Road with the city's on-call engineering support consultant, Interwest Consulting Group in the not to exceed amount of \$76,800; and authorize the City Engineer to execute the Task Order.

November 26, 2024 (Revision No.1)*

Andres Perez, Assistant Civil Engineer
City of Cathedral City
68700 Avenida Lalo Guerrero, CA 92234



Re: Task Order No. 01: Design Services for a Traffic Signal and Raised Median Located at E Palm Canyon and Cree*

Dear Mr. Perez,

Interwest Consulting Group (Interwest) is pleased to present this letter proposal to the City of Cathedral City. Upon our discussions, we understand that the City needs a highly qualified team to design a traffic signal at the subject intersection.

SCOPE OF SERVICES

Based upon our initial review, we propose to provide design services for a new traffic signal and raised median at the subject intersection. We anticipate the scope of services to include:

Engineering Design Tasks (@ \$190/hour)

- 1. Site Analysis and Data Collection**
 - Tasks: Traffic counts, site surveys, utility mapping, and environmental assessments.
 - Estimated Hours: 40 hours
 - Cost Estimate: \$7,600
- 2. Preliminary Design***
 - Tasks: Conceptual design and preliminary layout.
 - Estimated Hours: 24 hours
 - Cost Estimate: \$4,560
- 3. Detailed Design – Traffic Signal**
 - Tasks: Final signal design, intersection geometry, pavement marking plans, and signage plans.
 - Estimated Hours: 160 hours
 - Cost Estimate: \$30,400
- 4. Detailed Design – Raised Median***
 - Tasks: Alignment and grades of raised median (hardscape) at Cree and E. Palm Canyon (320 LF), including electrical for future monument sign.
 - Estimated Hours: 84 hours
 - Cost Estimate: \$16,000
- 5. Permitting and Approvals***
 - Tasks: Coordination with local agencies, obtaining necessary permits, and public consultations.
 - Estimated Hours: 40 hours
 - Cost Estimate: \$7,600
- 6. Construction Plans and Specifications**
 - Tasks: Preparation of construction drawings, technical specifications, and bid documents.
 - Estimated Hours: 40 hours
 - Cost Estimate: \$7,600

7. Project Management and Coordination

- Tasks: Project meetings, coordination with stakeholders, and project documentation.
- Estimated Hours: 16
- Cost Estimate: \$3,040

Total Engineering Estimate*

- Overall Hours: 420 hours
- Overall Cost: \$ 76,800

Please let me know if some of the listed items are not needed, or if there are additional items that you want included that are not on the list.

We appreciate the opportunity to continue serving the City of Cathedral City. If you have any questions, please do not hesitate to contact Glen Lewis at glewis@interwestgrp.com.

Sincerely,



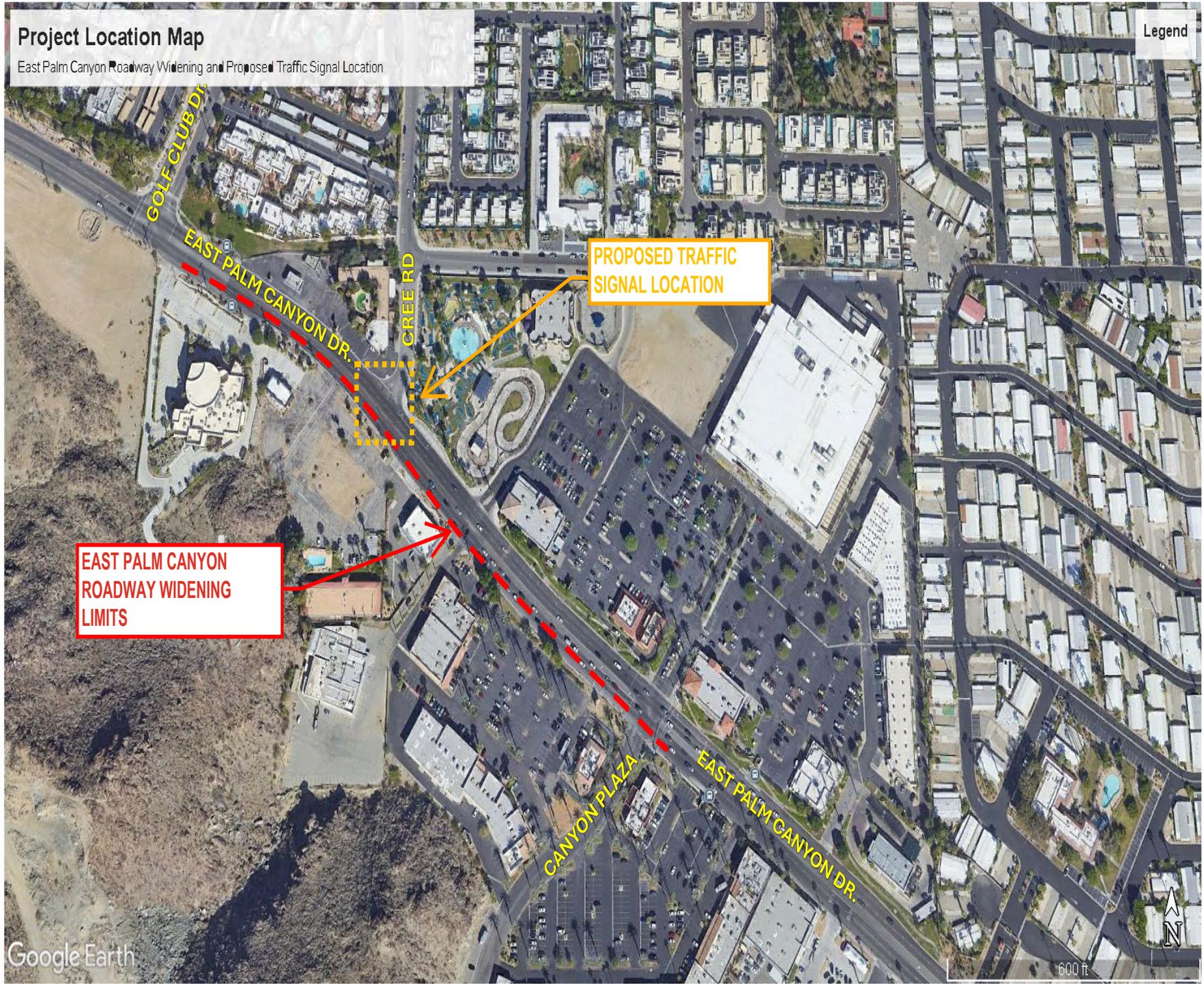
Paul Meschino, President
Interwest Consulting Group

***_Revision No.1: Added raised median, 11/22/24. Original dated 10/24/24.**

Project Location Map

East Palm Canyon Roadway Widening and Proposed Traffic Signal Location

Legend



EAST PALM CANYON ROADWAY WIDENING LIMITS

PROPOSED TRAFFIC SIGNAL LOCATION