

**CAMINO REAL REGIONAL MOBILITY AUTHORITY
BOARD RESOLUTION**

WHEREAS, the Camino Real Regional Mobility Authority (CRRMA) and CEA Engineering Group, Inc. (Engineer) entered into a Contract for Engineering Services (Contract) for the Engineer to provide various design services for plans, specifications and estimates (PS&E) to the CRRMA as may be required for the 2013 El Paso County Comprehensive Mobility Plan Projects;

WHEREAS, the CRRMA and the Engineer executed a work authorization (Work Authorization) pursuant to the Contract for the Engineer to provide PS&E for the Pellicano Drive Roadway Improvements Project (the Project); and

WHEREAS, the CRRMA and the Engineer now desire to execute an amendment to the Work Authorization for the Engineer to provide certain additional design services for the Project.

NOW, THEREFORE, BE IT RESOLVED BY THE CAMINO REAL REGIONAL MOBILITY AUTHORITY:

THAT the Executive Director be authorized to execute an Amendment to Work Authorization No. 3 with CEA Engineering Group, Inc., including any additional documents or materials as may be required, for the provision of certain additional design services for the Pellicano Drive Roadway Improvements Project.

PASSED AND APPROVED THIS 10TH DAY OF JULY 2019.

**CAMINO REAL
REGIONAL MOBILITY AUTHORITY**

ATTEST:

Joyce A. Wilson, Chair

Joe R. Fernandez, Board Secretary

APPROVED AS TO CONTENT:

Raymond L. Telles, Executive Director

AMENDMENT NO. 1

**WORK AUTHORIZATION NO. 3
CONTRACT FOR ENGINEERING SERVICES**

THIS AMENDMENT TO WORK AUTHORIZATION NO. 3 is made pursuant to the terms and conditions of Article 5 of the Contract for Engineering Services dated July 28, 2015 hereinafter identified as the “Contract,” entered into by and between the CAMINO REAL REGIONAL MOBILITY AUTHORITY (the “CRRMA”) and CEA ENGINEERING GROUP, INC. (the “Engineer”).

The terms and conditions of Work Authorization No. 3 for the Pellicano Drive Roadway Improvement Project are hereby supplemented by the addition of Exhibit B-1 and Exhibit D-1, which are attached hereto and incorporated herein for all purposes.

This Amendment No. 1 shall become effective on the date of final execution of the Parties hereto. All other terms and conditions of Work Authorization No. 3 not hereby amended are to remain in full force and effect.

IN WITNESS WHEREOF, this Amendment No. 1 to Work Authorization No. 3 is executed in duplicate counterparts and hereby accepted and acknowledged below.

**CAMINO REAL
REGIONAL MOBILITY AUTHORITY**

By: _____
Raymond L. Telles
Executive Director

Date: _____

CEA ENGINEERING GROUP, INC.

By: _____

Name: _____

Date: _____

Exhibit B-1

ADDITIONAL SERVICES TO BE PROVIDED BY THE ENGINEER

I. SUMMARY OF SUPPLEMENTAL SCOPE

Additional Professional Services will be provided by the Engineer to produce plan documents and final plans, specifications, and estimates (PS&E) for the Pellicano Drive Roadway Improvements. These services generally include additional coordination to prepare presentation material, additional coordination and meetings, and attendance in Austin, TX for the Consultative Call as requested by the County of El Paso and TXDOT. The additional work included several revisions to additional information requested for the Decision Form/Project of Local Air Quality Concern (POAQC). Weekly meetings leading up to and after the meeting.

Additional services also included in this supplemental is modifications to the sequencing of work and design for the adjustments to Mission Ridge intersection and Monteverde development. The Mission Ridge improvements included a temporary traffic signal and shoefly modifications to improve traffic flow during construction. The Monteverde improvements included the reversal of construction phasing and drainage analysis. Construction staking of the alignment was also conducted to determine field location of ROW and impacts to property owners.

II. SERVICES TO BE PROVIDED BY THE ENGINEER

The services to be provided by the Engineer may include, but is not limited to, the following key elements:

- Surveying
- Environmental Studies
- Drainage Study
- Plans, Specifications and Estimates

B. Surveying

All surveying shall comply with the Professional Land Surveying Practices Act, Article 5282c, Vernon's Texas Civil Statutes. All surveying shall comply with applicable rules promulgated by the Texas Board of Professional Land Surveying. The Manual of Practice published by the Society of Professional Surveyors shall be used as a guide in determining accuracy requirements and procedures to follow. The prime provider's field surveying efforts shall include the following:

1. Project Control
 - 1.1. Establish primary and secondary control monuments. The horizontal and vertical datum for the existing control monuments will be as follows:
 - Horizontal – Texas State Plane Coordinate System of 1983(NAD-83 State Plane Coordinates)
 - Vertical – NAVD 88, GEOID 2012A.
2. Field Work
 - 2.1. Perform calculations for stakeout.

2.2. Stakeout both sides of roadway, for a total of approximately 9,000 ft.

E. Environmental Studies

The Engineer shall perform tasks to complete technical environmental studies and advance the project through final NEPA approval. The Engineer shall prepare an EA and associated technical support documentation in accordance with the requirements of 23 CFR 771.119, FHWA T 6640.8A, TAC Title 43, Part 1, Chapter 2, TXDOT's Environmental Toolkits, and current TXDOT guidelines, policies, and procedures in effect as of the date of execution of this Agreement. The EA shall document the social, economic, and environmental conditions and potential impacts of the proposed project and shall contain sufficient detail to meet regulatory requirements for legal sufficiency and provide satisfactory basis for thorough review by the State, having received NEPA assignment from the Federal Highway Administration (FHWA) in December 2014, and (where applicable) agencies with regulatory oversight. All deliverables shall meet regulatory requirements for legal sufficiency. For each deliverable, the Engineer shall perform quality assurance quality control (QA/QC) reviews of environmental documents and on other supporting environmental documentation. In advance of preparing the EA, the Engineer shall submit a detailed annotated EA outline for TXDOT's approval. The EA shall include the following chapters/sections as applicable to the Project.

21. Air Quality

- 21.1. Coordinate Decision Form preparation.
- 21.2. Prepare materials (PowerPoint), attend and conduct Consultative Call in Austin.
- 21.3. Schedule, conduct and attend coordination meetings (biweekly) to respond to Consultative Call Comments.
- 21.4. Additional coordination from extension of time frame, additional meetings with TXDOT.

H. Drainage Study

1. Perform a drainage analysis for additional runoff from off site properties.
2. Develop alternative ponding scenarios for off site ponding.

J. Plans, Specifications and Estimates (PS&E)

8. Traffic Control
 - 8.1. Prepare temporary traffic signal for construction phasing at Mission Ridge shoefly.
 - 8.2. Prepare traffic control drawings for construction phase reversal for Monteverde.
 - 8.3. Coordination with utilities and consultants for Monteverde development.
 - 8.4. Modifications to specification list and general notes for inclusion of additional items.

[END OF EXHIBIT B-1]

EXHIBIT D-1

The Fee Proposal included in Work Authorization No. 3 as Exhibit D shall be supplemented by the not to exceed amounts identified below, which relate to the additional services identified within Exhibit B-1 of this Amendment No. 1.

Pellicano Drive Roadway Improvements

Company	Fee
CEA Group	\$57,301.92
Kimley Horn & Associates	\$14,971.51
Frank X. Spencer & Associates	\$26,006.48
AMEC Foster Wheeler	\$0.00
Lisa McNelis Landscape Architect	\$0.00
Cox Mclain Environmental Consulting	\$0.00
Altura Solutions	\$0.00
Blanton & Associates	\$0.00
Total	\$98,279.91

[END OF EXHIBIT D-1]