

CONTRACT MODIFICATION

PARK BOULEVARD CORRIDOR-INTERSECTION IMPROVEMENTS PROJECT NO. 5989.1

PURCHASE ORDER NO. 103846 CIP NO. 33-37779

This shall serve as a fourth modification to the Contract between the City of Plano, Texas (hereinafter "City"), and Pacheco Koch Consulting Engineers, Inc. (hereinafter "Consultant"), dated August 9, 2010 for Professional Engineering Services for the referenced project (hereinafter "Project").

Services:

This Modification amends the scope of services as originally set forth in the contract as follows:

COMPLIANCE REVISIONS TO CURRENT CITY STANDARD DETAILS:

Pacheco Koch will revise the 90% construction documents for Park Boulevard to reflect changes in City of Plano Engineering Department Standard Construction Details. The details were updated subsequent to the submission of the 90% plans.

Included in this item:

- Adding the most current City of Plano Engineering Department Standard Construction Details that are relevant to this project to the plan set.
- Review all construction calls in the plan set for compliance with the standard construction details. Revise construction calls accordingly.
- Add City of Plano traffic signal notes to the General Notes sheet.
- Coordination of City review and approval of plans prepared as part of this item.
- Additional changes not specifically mentioned in this scope item will be made on an hourly rate basis.

REVISED ROADWAY CONSTRUCTION PLANS (CHANGES IN CITY REQUIREMENTS):

Pacheco Koch will revise the traffic control, demolition, paving, pavement marking, and intersection grading plans of the 90% Park Boulevard plan set that was submitted to reflect changes in City of Plano Engineering Department policies and requirements. These changes are outlined in plan mark-up comments, exhibits, and written review comments from the City engineering and transportation departments presented at a

February 13, 2017 meeting. As part of this item, Pacheco Koch will also update the 90% plan set to the current design software and Pacheco Koch criteria.

Included in this item:

- Revise all ADA ramp layouts in construction plans to reflect new City directional ramps or blended transitions. Applicable ramp designations will be added to the plan sheets, quantities, and bid schedule.
- Revise crosswalk locations as required to accommodate new ramp locations.
- Revise intersection geometry for dual left turn lanes per transportation department's recommendations. Dual left turn puppy tracks will be revised on pavement marking plans.
- Revise medians and median noses to reflect the changes to pedestrian crossing routes, and dual left turn geometry. This may affect turn lane and transition lengths and locations.
- Update title sheet to reflect current City officials.
- Add additional traffic control plans for the intersection sheets as requested by the Transportation Division. These sheets will be based on aerial imagery in areas not covered by previously prepared topographic survey.
- Revise traffic control plans to reflect barricades and signage for revised pedestrian routes.
- Remove and replace drive approach and ramps on the south side of Park Boulevard west of Coit Road.
- Remove and replace drive approach and ramps at the second drive on the south side of Park Boulevard east of Coit Road.
- Remove and replace nine (9) areas of existing concrete sidewalk determined during recent City walk-through of the project.
- Add island in drive approach on north side of Park Boulevard west of Custer Road.
- Remove from construction plans three (3) areas of vehicular pavement replacement.
- Update franchise utilities on north side of Park Boulevard east of Alma Drive due to recent franchise utility construction. Remove and replace existing concrete sidewalk in this area.
- Add recently constructed drive approach and deceleration lane on west side of Alma Drive south of Park Boulevard to the plan view.
- Add new "Y" inlet to plan set at the northwest corner of Park Boulevard and Alma Drive.
- Remove and replace one (1) lane of vehicular pavement in two (2) areas on K Avenue south of Park Boulevard.
- Add new concrete paving for DART bench on south side of Park Boulevard east of K Avenue.
- Coordination of City review and approval of plans prepared as part of this item.
- Additional changes will be made on an hourly rate basis.

Not included in this item:

- Topographic surveying services.
- Traffic counts/analysis.
- Traffic signalization design.

REVISED CONSTRUCTION PHASING AT COIT INTERSECTION:

Pacheco Koch will revise the current Traffic Control, Demolition, Paving, Pavement Marking and Intersection Grading plans to maintain at least two (2) through lanes open during construction throughout peak traffic hours. This will include the removal and reconstruction of approximately 450 linear feet of medians along all four (4) directions of the intersection. Design will be based on aerial imagery where a previously prepared topographic survey does not cover the design. The plans will be revised in accordance with City of Plano and MUTCD Standards.

Included in this item:

- Additional plan set sheets to accommodate the design and traffic control of both Park and Coit.
- Paving and demolition design related to Coit Road will be limited to removal and replacement of the median.
- Coordination of City review and approval of plans prepared as part of this item.
- Additional changes will be made on an hourly rate basis.

Not included in this item:

- Topographic surveying services.
- Traffic signalization design.

Compensation:

For additional services provided pursuant to this Modification, City shall pay Consultant an amount not to exceed \$72,000. Such payment shall be made in accordance with the payment terms specified in the Contract.

In the event of any conflict or inconsistency between the provisions set forth in this Modification and the Contract, this Modification shall govern and control. For and in consideration of the covenants, duties and obligations herein contained, the parties do mutually agree that except as provided above, all other terms and conditions of the Contract shall remain unchanged and in full force and effect.

Original Contract Amount	\$ 298,942.00
Contract Amount (Including Previous Modifications)	\$ 339,622.00
Amount, Modification No. 4	\$ 72,000.00
Revised Contract Amount	\$ 411,622.00
Total Percent Increase Including Previous Modifications	37.69%

Authority to Sign:

The undersigned officers and/or agents of the parties hereto are the properly authorized officials and have the necessary authority to execute this Agreement on behalf of the parties hereto.

CITY OF PLANO

**PACHECO KOCH CONSULTING
ENGINEERS, INC.**

OWNER

CONSULTANT

By: _____

(signature)

By: _____

(signature)

Print

Name: BRUCE D. GLASSCOCK

Print

Name: MARK A. PACHECO, P.E.

Print

Title: CITY MANAGER

Print

Title: PRESIDENT

Date: _____

Date: _____

APPROVED AS TO FORM:

By: _____

Paige Mims, City Attorney

ACKNOWLEDGMENTS

STATE OF TEXAS

COUNTY OF _____

This instrument was acknowledged before me on the _____ day of _____, 2017, by **MARK A. PACHECO, P.E., PRESIDENT**, of **PACHECO KOCH CONSULTING ENGINEERS, INC.**, a Texas Corporation, on behalf of said corporation.

Notary Public, State of Texas

STATE OF TEXAS

COUNTY OF COLLIN

This instrument was acknowledged before me on the _____ day of _____, 2017, by **BRUCE D. GLASSCOCK, CITY MANAGER**, of the **CITY OF PLANO, TEXAS**, a Home-Rule Municipal Corporation, on behalf of said municipal corporation.

Notary Public, State of Texas