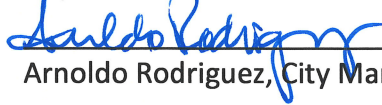


REPORT TO CITY COUNCIL

Approved by:



Department Director



Arnaldo Rodriguez, City Manager

Council Meeting of: May 15, 2019

Agenda Number: B-8

SUBJECT: Consideration of a Resolution Approving Amendment No. 5 in the amount of \$15,509 to the Agreement with Lars Andersen & Associates, Inc. for Engineering Services Relating to the Construction of the Fresno River Trail Undercrossings at Gateway Drive and Union Pacific Railroad

RECOMMENDATION:

Staff recommends that the City Council (Council) adopt a resolution approving Amendment No. 5 to the Agreement with Lars Andersen & Associates, Inc. for Engineering Services for the Fresno River Trail Undercrossings at Gateway Drive and Union Pacific Railroad (UPRR) Project.

SUMMARY:

Lars Andersen & Associates, Inc. has submitted an amendment to their contract for additional engineering services recommended by Staff for completion of the Fresno River Trail Undercrossings at Gateway Drive and UPRR Project (the Project; see Attachment 1, location map). Funds are available for the additional costs in the established budgets.

DISCUSSION:

The Fresno River Trail Undercrossings Project required numerous approvals from several agencies related to funding, encroachment permits, easements, environmental permits, agreements with Union Pacific Railroad and, most recently, approval from California Public Utilities Commission granting a trail undercrossing of the railroad. Along the way, changes to the project and additional engineering have been necessary to comply with the various requests and requirements of those agencies. The project is now ready to move forward to construction. This latest proposed amendment is recommended to modify some elements on the drawings that will result in construction cost savings.

The City entered into an agreement with Lars Andersen & Associates, Inc. in May 2008 to perform engineering services for the Fresno River Trail Undercrossing at Gateway Drive and UPRR Project, hereinafter called "Project". Subsequent amendments included:

- 1) Preparation of legal descriptions and an exhibit for portions of the project within UPRR right-of-way
- 2) Additional environmental engineering services including a Biological Reconnaissance Survey and Report
- 3) Design Modifications and additions as required by UPRR and the California Public Utilities Commission, and
- 4) Additional design and environmental engineering services required by funding program and administering agency (Caltrans) and preparation of legal documents for an easement.

Lars Andersen has submitted a proposed amendment to their contract for additional engineering services required to complete the plans and specifications for the Project outside of their original scope as follows:

- A) Modify plans and provide structural analyses reflecting changes to retaining wall design and canopy design for significant construction cost savings.
- B) Provide additional compensation for costs associated with coordination services and documents necessary for approvals from Central Valley Flood Protection Board and Army Corps of Engineers.

The proposal and fee for services is acceptable and within funds currently programmed for these projects.

FINANCIAL IMPACT:

The cost for the requested additional engineering service is \$15,509 and will be funded from funds in the Capital Project Account for PK-00008.

There will be no impact to the City's General Fund by approving this amendment.

CONSISTENCY WITH THE VISION MADERA 2025 PLAN:

Strategy 121 – Multi-modal transportation: Develop a city-wide multi-modal transportation plan to ensure safe, affordable and convenient transportation modes for residents and businesses with Madera.

Strategy 132 – Neighborhood Connectivity: Connect Madera's neighborhoods through streets, trails and walkways that promote community interaction.

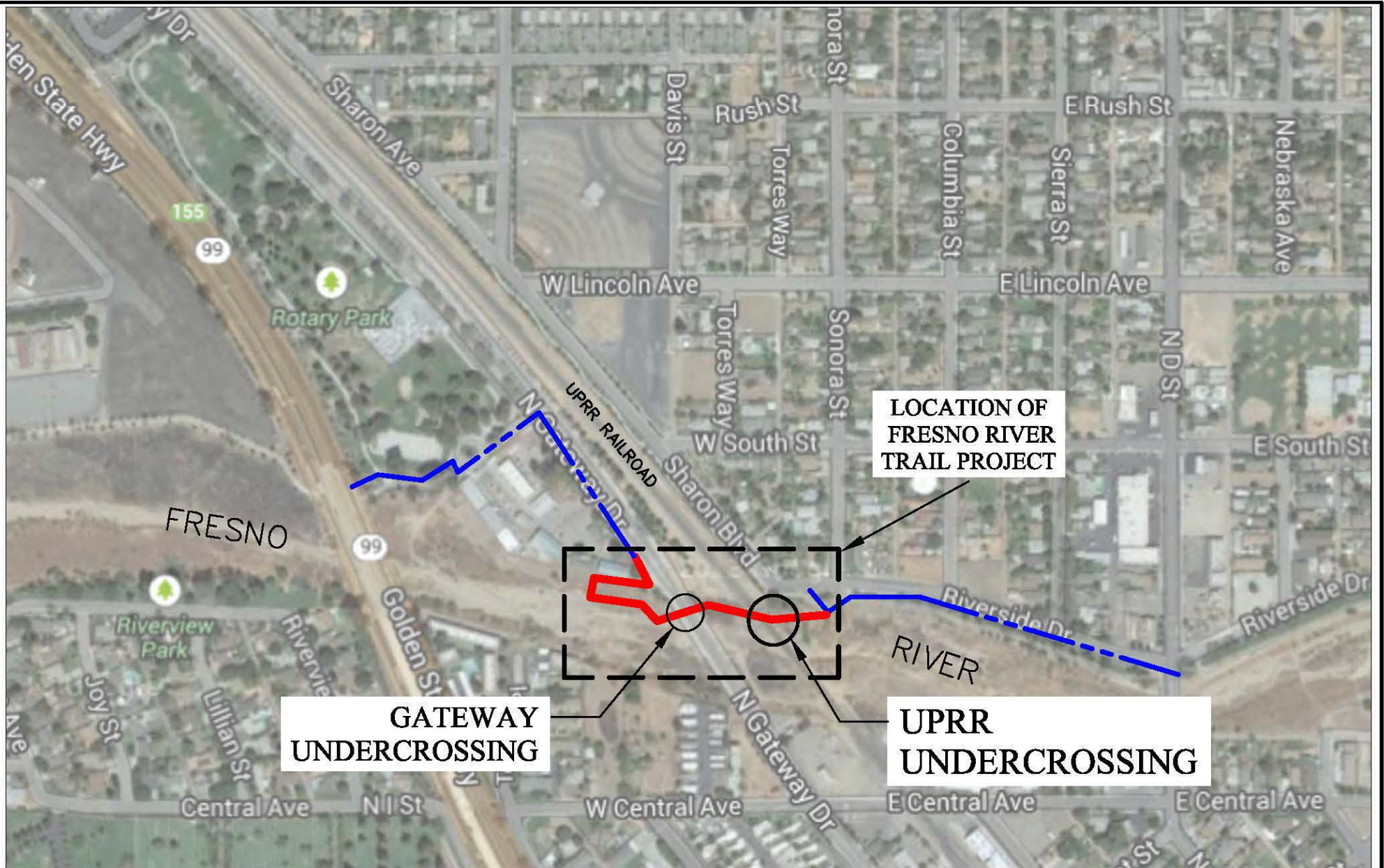
Strategy 401 – Walkable Community: Develop and promote Madera as a walkable community with an emphasis on improving the quality of the natural resources.



ALTERNATIVES:

1. Partial approval of amendment only for costs already incurred associated with approvals from Central Valley Flood Protection Board and Army Corps of Engineers. Approvals are necessary for project to proceed to construction. Will result in higher construction costs without redesign of retaining wall and canopy structures.


ATTACHMENTS:

1. Location Map
2. Resolution
3. Amendment No. 5 to Agreement with Lars Andersen & Associates, Inc.



LEGEND	
	PROPOSED PROJECT
	EXISTING TRAIL

PROJECT MAP
FRESNO RIVER BIKE TRAIL UNDER-CROSSING AT
GATEWAY DRIVE AND UPRR (FHWA FUNDED)
CITY OF MADERA


 NORTH
 SCALE
 1:40

RESOLUTION NO. 19 - _____

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF
MADERA, CALIFORNIA, APPROVING AMENDMENT NO. 5
TO THE AGREEMENT WITH LARS ANDERSEN &
ASSOCIATES, INC. FOR ENGINEERING SERVICES RELATING
TO THE CONSTRUCTION OF THE FRESNO RIVER TRAIL
UNDERCROSSINGS AT GATEWAY DRIVE AND UNION
PACIFIC RAILROAD**

WHEREAS, the City of Madera entered into an agreement with Lars Andersen & Associates, Inc. (Lars Andersen) on May 7, 2008 for professional engineering services related to the preparation of contract documents for construction of the Fresno River Trail Undercrossings at Gateway Drive and Union Pacific Railroad; and

WHEREAS, Lars Andersen has submitted Amendment No. 5 in response to the City's request to adjust the scope of the project as described therein; and

WHEREAS, adequate funds are available in the project budget for these additional costs.

NOW, THEREFORE, THE COUNCIL OF THE CITY OF MADERA hereby resolves, finds, determines and orders as follows:

1. The above recitals are true and correct.
2. Amendment No. 5 to the Agreement for Engineering Services relating to the Construction of the Fresno River Trail Undercrossing at Gateway Drive and Union Pacific Railroad, a copy of which is on file in the office of the City Clerk and referred to for particulars, is hereby approved in an amount not to exceed \$15,509.00.
3. The Mayor is authorized to execute the Amendment as approved.
4. This resolution is effective immediately upon adoption.

* * * * *

**AMENDMENT NO. 5 TO AGREEMENT WITH LARS ANDERSEN & ASSOCIATES,
INC FOR ENGINEERING SERVICES RELATING TO THE CONSTRUCTION OF THE
FRESNO RIVER TRAIL UNDERCROSSINGS AT GATEWAY DRIVE AND UNION
PACIFIC RAILROAD**

This Amendment No. 5 to the Agreement for Engineering Services for the Fresno River Trail Undercrossing at Gateway Drive and Union Pacific Railroad (UPRR) Project (hereinafter called "Agreement"), between the City of Madera (hereinafter called "CITY") and Lars Andersen & Associates, Inc. (hereinafter called "ENGINEER") is entered into this 15th day of May, 2019.

WITNESSETH

WHEREAS, CITY has a project to construct the Fresno River Trail Undercrossings at Gateway Drive and UPRR, hereinafter called "Project"; and

WHEREAS, CITY and ENGINEER entered into an Agreement dated May 7, 2008 for professional engineering services to design such street improvements; and

WHEREAS, CITY has requested changes to the scope of work for the design of the Project; and

WHEREAS, Amendment No. 5 to Agreement is necessary to revise the Scope of Work and Compensation for the additional engineering services.

A G R E E M E N T

In consideration of the recitals listed above and the mutual obligations of the parties herein, CITY and ENGINEER agree that the Agreement for Professional Engineering Services for the Fresno River Trail Undercrossings at Gateway Drive and Union Pacific Railroad dated May 7, 2008 between CITY and ENGINEER shall be amended as follows:

Item No. 1: Section II of the Agreement shall be amended by adding the following:

II. STATEMENT OF WORK:

ENGINEER shall provide the professional services set forth in EXHIBIT A including Civil Addendum No. 1 and Amendment Nos. 2, 3, 4, and 5, attached hereto and incorporated

herein by reference. ENGINEER accepts full responsibility for the scope of services provided by subconsultants necessary for delivery of the project. ENGINEER shall comply with all City of Madera design standards and requirements.

Item No. 2: Section III of the Agreement shall be amended by adding the following:

III. TERM

The term of the AGREEMENT is hereby extended until December 30, 2019 unless extended in writing by mutual agreement.

Item No. 3: Section VI of the Agreement shall be amended by adding the following:

VI. CONTRACT COSTS AND REIMBURSEMENTS

The basic fee based on the Scope of Work and Cost, EXHIBIT A, attached hereto and incorporated herein by reference, for the scope of work itemized in the Project Work Plan is \$15,509 Dollars and no cents. It is understood and agreed by both parties that all expenses incidental to ENGINEER'S performance of services, including travel expenses, are included in the basic fee.

Item No. 4. Except as set forth in this Amendment No. 5, all other terms and condition in the Agreement shall remain in full force and effect.

In witness hereof, CITY and ENGINEER have executed this Amendment No. 5 to the Agreement on the date first written above.

LARS ANDERSEN & ASSOCIATES, Inc.

By: _____

Andrew J. Medellin, Mayor

By: _____

Scott Mommer, President

APPROVED AS TO LEGAL FORM

By: _____

Interim City Attorney

ATTEST:

By: _____

Interim City Clerk



LARS ANDERSEN & ASSOCIATES, INC.

CIVIL ENGINEERS • LAND SURVEYORS • PLANNERS

CASP • LEED ACCREDITED • QSD / QSP

4694 W JACQUELYN AVENUE

FRESNO, CA 93722

PH (559) 276-2790 FX (559) 276-0850

SCOTT A. MOMMER, P.E., QSD

PRESIDENT

DANIEL J. ZOLDAK, P.E., P.L.S. LEED AP, CASp,

QSD

VICE PRESIDENT

Wednesday, March 27, 2019

Exhibit A

City of Madera
205 W. 4th Street
Madera, CA 93637
Phone: (559) 661-5418

Re: Changes to Original Design Madera Trail in Madera, California- Amendment No. 5

To whom it may concern,

The firm of Lars Andersen & Associates, Inc. appreciates this opportunity to provide our proposal for Civil Engineering Services related for the proposed Trail Project in Madera, California.

This Amendment No. 5 proposal outlines our understanding of the proposed project and describes the various tasks associated with the Scope of Services for the Project. The cost for each task is based on a lump sum, in which the amount will not be exceeded without written approval by City of Madera. **This proposal is not based on being subject to California Prevailing Wage.**

EXHIBIT 'A'

TASK 1: Updated Civil Plans:

Lars Andersen will update civil design plans and remove previously noted retaining wall. Design and incorporate retaining wall along the typical 8' wide concrete bike trail with retaining wall at back of walk. The following sheets will be updated with new retaining wall direction.

1. Construction Standards and Details Sheet
2. Cross-Section and Details (Sheet 3)
3. Cross-Section and Details (Sheet 4)
4. Fresno River Bike Trail [STA. 8+00.00 to STA. 11+50.00]
5. Railroad Crossing Details
6. Details Sheet.

TOTAL: \$5,951.00

TASK 2: Update Structural Canopy Design and Footing update:

Lars Andersen & Associates, Inc. will coordinate and provide an updated structural calculation for retaining wall along the typical 8' wide concrete bike trail with retaining wall at back of walk.

TOTAL: \$6,000.00

TASK 3: Additional Floodplain Summary Report Coordination:

Lars Andersen & Associates, Inc. provided additional coordination services with for Floodplain Summary Report. Location Hydraulic Study documents were updated and coordinated with Central Valley Flood Protection Board (CVFPB) and Corps. Lars Andersen provided as requested additional exhibits and updated Construction Drawings to address CVFPB concerns which surpassed the initial projected scope of work for this. Attended in-person meetings at City of Madera office to coordinate this.

TOTAL: \$3,058.00

REIMBURSABLE EXPENSES

For all tasks, direct reimbursable expenses such as express mail, out-of-town mileage, reproduction of project drawings and other direct expenses shall be billed at 1.10 times the actual cost. An amount will be added to each invoice to cover certain other expenses such as in-house duplicating, local mileage, telephone calls, facsimiles and postage.

T&M - NTE Fee: \$500.00

GRAND TOTAL: \$15,509.00

NOT INCLUDED

- Elevation Building Plan
- Environmental health
- Storm water quality / C3
- As-Builts by Contractor
- ALTA
- N.O.T. by Contractor
- Elevations
- Floor Plans
- Occupant Load Certification
- Green Building Program (if required)
- Geotechnical Report/Review
- Site visit
- Mechanical Design
- Plumbing Design
- Any joint trench design
- Security System design
- Atrium design
- Smoke Evacuation System design
- Fire alarm design
- Sprinkler system design
- Interior lighting design
- LEED Commissioning process
- CALCTP-AT Commissioning process
- Permit submittal process to city
- Telephone system design
- Gas system design
- Communication system design
- Fiber-optic communication system design
- Kitchen equipment layout and design

- Kitchen exhaust system
- Acoustical engineering
- High voltage (over 600V) distribution
- Emergency power design & generator requirement
- Clean power requirement and EMF specifications
- DI water, compressed air distribution, any power supply other than 60Hz
- All work associated with hazardous materials handling and abatement
- Generate separate construction document packages for individual submittals
- Additional meetings as required by architects or owner
- Potholing
- Title Report
- Application, Permit and Impact fees
- Construction Staking/PAD Certification
- Fire Pump/Sewer or Storm Lift Station Design
- Traffic or other studies such as air, noise, etc.
- Soils/Compaction testing/infiltration testing

CLOSING

Lars Andersen & Associates, Inc. appreciates being considered for this work. We are confident in our ability to provide timely and cost-efficient services on a consistent basis.

Should you have any questions or concerns, please feel free to contact me at (559) 276-2790, ext. 116 or via email at dramirez@larsandersen.com.

Sincerely,

LARS ANDERSEN & ASSOCIATES, INC.

Dario Ramirez, Project Engineer

cc: Accounting Department – Lars Andersen & Associates, Inc.

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