

Before the Board of Supervisors in and for the County of Monterey, State of California

Agreement No.: A-11906

- a. Approve Amendment No. 1 to Professional Services Agreement No. A-11906 with TRC Engineers, Inc. to provide additional preliminary engineering and environmental services associated with the extension in the project limits for Phase I of the Castroville Railroad Crossing Bicycle/Pedestrian Path (RFQ/RFP#10197), Project No. 862265, Federal Aid Project No. STPLHSR-5944 (058), in the amount of \$67,237 for a total amount not to exceed \$396,747, and extend the term through December 28, 2012; and
- b. Authorize the Contracts/Purchasing Officer to execute Amendment No. 1 to Professional Services Agreement No. A-11906 and future amendments that do not significantly alter the scope of work or change the approved Agreement amount.....

Upon motion of Supervisor Armenta, seconded by Supervisor Potter, and carried by those members present, the Board hereby:

- a. Approved Amendment No. 1 to Professional Services Agreement No. A-11906 with TRC Engineers, Inc. to provide additional preliminary engineering and environmental services associated with the extension in the project limits for Phase I of the Castroville Railroad Crossing Bicycle/Pedestrian Path (RFQ/RFP#10197), Project No. 862265, Federal Aid Project No. STPLHSR-5944 (058), in the amount of \$67,237 for a total amount not to exceed \$396,747, and extend the term through December 28, 2012; and
- b. Authorized the Contracts/Purchasing Officer to execute Amendment No. 1 to Professional Services Agreement No. A-11906 and future amendments that do not significantly alter the scope of work or change the approved Agreement amount.

PASSED AND ADOPTED on this 13th day of December, 2011, by the following vote, to-wit:

AYES: Supervisors Armenta, Calcagno, Salinas, Potter and Parker
 NOES: None
 ABSENT: None

I, Gail T. Borkowski, Clerk of the Board of Supervisors of the County of Monterey, State of California, hereby certify that the foregoing is a true copy of an original order of said Board of Supervisors duly made and entered in the minutes thereof of Minute Book 75 for the meeting on December 13, 2011.

Dated: January 6, 2012

Gail T. Borkowski, Clerk of the Board of Supervisors
County of Monterey, State of California

By Denise Hancock
Deputy

**AMENDMENT NO. 1
TO PROFESSIONAL SERVICES AGREEMENT
BETWEEN COUNTY OF MONTEREY AND
TRC ENGINEERS, INC.**

THIS AMENDMENT NO. 1 to the Professional Services Agreement between the County of Monterey, a political subdivision of the State of California (hereinafter, "County") and TRC Engineers, Inc. (hereinafter, "CONTRACTOR") is hereby entered into between the County and the CONTRACTOR (collectively, the County and CONTRACTOR are referred to as the "Parties").

WHEREAS, CONTRACTOR entered into a Professional Services Agreement with County on December 28, 2010 (hereinafter, "Agreement"); and

WHEREAS, the original Scope of Services allowed for preliminary engineering and environmental services for the Castroville Railroad Crossing Bicycle/Pedestrian Path (hereinafter, "Project") covering the Project limits between Axtell Street and Castroville Boulevard; and

WHEREAS, an extension of the Project limits has been identified from Axtell Street and Castroville Boulevard to McDougall Street in the community of Castroville; and

WHEREAS, additional preliminary engineering and environmental services have been identified for the extension of the Project; and

WHEREAS, the Parties wish to amend the Agreement to increase the amount by \$67,237.38 and extend the term to December 28, 2012 to continue to provide tasks identified in the Agreement and as amended by this Amendment No. 1.

NOW, THEREFORE, the Parties agree to amend the Agreement as follows:

1. Amend the first sentence of Paragraph 1, "Services to be Provided", to read as follows:

The County hereby engages CONTRACTOR to perform, and CONTRACTOR hereby agrees to perform, the services described in **Exhibits A and A-1** in conformity with the terms of this Agreement.

2. Amend Paragraph 2, "Payments by County", to read as follows:

County shall pay the CONTRACTOR in accordance with the payment provisions set forth in **Exhibits A and A-1**, subject to the limitations set forth in this Agreement. The total amount payable by County to CONTRACTOR under this Agreement shall not exceed the sum of \$396,747.09.

3. Amend the first sentence of Paragraph 3, "Term of Agreement", to read as follows:

The term of this Agreement is from December 28, 2010 to December 28, 2012, unless sooner terminated pursuant to the terms of this Agreement.
4. Amend Paragraph 4, "Additional Provisions/Exhibits" by adding "Exhibit A-1 Scope of Services/Payment Provisions".
5. The Project Schedule referenced in the Agreement, Exhibit A – Scope of Services/Payment Provisions, is hereby replaced with the Project Schedule referenced in Amendment No. 1, Exhibit A-1 – Scope of Services/Payment Provisions.
6. All other terms and conditions of the Agreement remain unchanged and in full force.
7. This Amendment No. 1 shall be attached to the Agreement and incorporated therein as if fully set forth in the Agreement.

IN WITNESS WHEREOF the Parties hereto have executed this Amendment No. 1 to the Professional Services Agreement as of the day and year written below:

COUNTY OF MONTEREY
By: [Signature]
Contracts/Purchasing Officer

CONTRACTOR*
TRC Engineers, Inc.
Contractor's Business Name

Date: 2-1-12

By: [Signature]
(Signature of Chair, President or Vice President)

Its: Robert Schamber, VP
(Print Name and Title)

Date: 12/2/11

Approved as to Form and Legality
Office of the County Counsel
By: [Signature]
Deputy County Counsel

By: [Signature]
(Signature of Secretary, Asst. Secretary, CFO,
Treasurer or Asst. Treasurer)

Its: James A Baker Asst. Secretary
(Print Name and Title)

Date: 12-6-11

Date: December 2, 2011

Approved as to Fiscal Provisions
By: [Signature]
Auditor/Controller

Date: 12/11

Approved as to Indemnity and Insurance Provisions

By: _____
Risk Management

Date: _____

ENTERED
JAN 31 2012
CCC

*INSTRUCTIONS: IF CONTRACTOR is a corporation, including limited liability and non-profit corporations, the full legal name of the corporation shall be set forth above together with the signatures of two specified officers. If CONTRACTOR is a partnership, the name of the partnership shall be set forth above together with the signature of a partner who has authority to execute this Agreement on behalf of the partnership. IF CONTRACTOR is contracting in an individual capacity, the individual shall set forth the name of the business, if any, and shall personally sign the Agreement.

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Castroville Railroad Crossing Bicycle/Pedestrian Path – McDougall Street Extension

Amendment No. 1 – Along Salinas Street from Axtell Street to McDougall Street

Detailed Scope of Work – Phase 1 Extension

Introduction

This scope includes the environmental and preliminary engineering work for the Castroville Rail Crossing Bicycle/Pedestrian Path Project extension to McDougall Street, located in the community of Castroville. An existing scope entitled Exhibit A - Castroville Railroad Crossing Bicycle/Pedestrian Path Project, has already been approved, covering the project limits between Axtell Street and Castroville Boulevard, within the vicinity of Benson Road and Collins Road. This additional scope is for the work involved from McDougall Street to Axtell Street along Salinas Street. It is assumed the facility will be Class 2 or Class 3 bike lanes from Merritt Street and Pajaro Street to McDougall Street at Salinas Street (to be designed by the County), Class 2 bike lanes from McDougall to Geil Street, and a Class 1 bike path from Geil Street to Axtell at Benson.

The tasks below are for Phase I Extension of the change in project limits along Salinas Street from Axtell Street to McDougall Street. Phase II work shall be authorized by an amendment to this agreement or a new contract, as deemed appropriate by the County.

Phase I: Preliminary Design Basic Tasks

Upon receiving written notice to proceed from the COUNTY, the preliminary design shall commence. The following basic tasks shall be performed:

Task 1.A Project Startup and Survey Coordination

CONSULTANT staff shall meet with the COUNTY at a kick-off meeting to discuss the Scope of Work, project requirements, design criteria, and the COUNTY's most current scheduling and review requirements. An agenda and outline shall be prepared and distributed before the meeting, and meeting notes shall be prepared and distributed after the meeting. While meeting with the COUNTY, CONSULTANT shall conduct a visual on-site field investigation to discuss existing conditions and confirm design assumptions. To the extent possible, these assumptions are stated herein.

This meeting shall include Caltrans should they choose to attend. Although a field review form was previously prepared, including the required Preliminary Engineering Studies (PES) form, and a field review was held on April 24, 2008, a

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

new field review should be held due to the change in scope of the project. CONSULTANT shall attend this field review meeting.

CONSULTANT shall coordinate with COUNTY surveyors who shall provide all required survey and base mapping information, including all utility and right-of-way ownership information. COUNTY shall provide CONSULTANT any survey and right of way information required during the course of work. CONSULTANT shall request such information through the submittal of the County's standard survey request form.

Deliverables:

- Kickoff Meeting Agenda
- Kickoff Meeting Notes
- Field Review Meeting Notes (official version to be prepared by Caltrans)
- Survey Request Form(s)

Task 1.B Utility Coordination

This task includes preliminary coordination with utility company(ies) or the COUNTY on relocation of any existing utility facilities, or placement of new facility(ies). Work hereunder excludes any design to accommodate and support any new facility.

Work shall include the following:

1. Up to two meetings to discuss the project and utility company or County utility requirements.
2. Telephone consultation to coordinate location and integration of any new facility into our project.
3. Preparation of Utility 'A' letters requesting mapping of existing and planned utility facilities.
4. Plot utility locations from information provided in A Letter responses on base map. Note CONSULTANT shall not perform any surveys in completing this task, thus it is understood that utility locations plotted in this manner are approximate.

Deliverables:

- Utility "A" Letters
- Utility Table

Task 1.C Geotechnical

Work shall consist of recommendations for alternatives based on the existing geotechnical report previously prepared by PARIKH CONSULTANTS. Field exploration and other work shall be conducted in Phase 2. The detailed scope of

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

services for this task is included as Attachment 1. Only Task 1.1 shall be performed in this phase.

Deliverables:

- Geotechnical Letter Report

Task 1.D Pathway Planning Studies (Geometric Approval Drawing)

Pathway planning studies shall be conducted to evaluate the optimal alignment for a bike path extension from McDougall Street to Axtell Street. Two alternative alignments shall be evaluated. The pathway may be located adjacent to and/or within Caltrans-owned right of way.

Vertical alignment studies shall be performed so that the pathway conforms to ADA standards as well as taking earthworks quantities into consideration. A tie-in to the existing SR156 pedestrian overcrossing north approach will be included.

The pathway typical section shall consist of an 8' wide hot mix asphalt (HMA) surface and 2' aggregate base (AB) shoulders on each side, total width 12' for the Class I portion from Geil Street at Salinas Street to Axtell Street at Benson Road. The pathway section from McDougall Street to Geil Street will be shown as Class 1 and 2 for the County's consideration and selection.

Deliverables:

- Geometric Approval Drawings

Task 1.E Cost Estimates

Cost estimates shall be prepared for the McDougall extension. The cost estimates shall be planning study level cost estimates for the project limits, between McDougall Street and Axtell Street at Benson Road, with both Class 1 and Class 2 estimates for the segment between McDougall and Geil.

Deliverables:

- Cost Estimate – Class 1 McDougall to Axtell
- Cost Estimate – Class 2 McDougall to Geil, Class 1 Geil to Axtell

Task 1.F Alternatives Analysis

This task involves completing exhibits showing the two Bike Path alternative alignments. Impacts to R/W and roadway striping shall be considered. Layout and Typical Section drawings shall be prepared. It is expected that 2 iterations will be considered by the County and comments shall be incorporated at each submittal until the County is comfortable with the design.

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Deliverables:

- Layout Sheets
- Typical Section Sheet

Task 1.G Feasibility Report

CONSULTANT shall prepare a Draft Feasibility Report using the format of the County's SR156/OakHills Report. The report for the Axtell to Castroville Blvd. segment will be modified to incorporate this new segment, thus only one combined report shall be prepared.

The preliminary cost estimate for the approved alternative will be developed in conformance with the Caltrans 7-page "Preliminary Estimate of Cost Summary" per their Project Development Procedures Manual (PDPM). The following documents shall be included as attachments to the Report:

- Location Map
- Geometric Approval Drawings
- Right of Way and Utility Data Sheets
- Project Cost Estimates
- Draft Environmental Document
- Preliminary Geotechnical Report
- Photographs

The Draft Feasibility Report shall be submitted to the COUNTY for review and comment. Comments shall be addressed and the final report prepared.

This scope of work is based on one round of comments for each submittal identified in this task.

Deliverables:

- Draft Feasibility Report
- Final Feasibility Report

Task 1.H Preliminary Plans

CONSULTANT shall prepare preliminary plans including the following sheets:

- Title Sheet
- Typical Sections
- Plans and Profiles (Drainage to be included on these sheets)
- Construction Detail Sheet
- Signing and Striping Plans
- Cost Estimate

All drawings shall be prepared in AutoCAD Civil3D 2008 or later version.

EXHIBIT A-1 -- SCOPE OF SERVICES/PAYMENT PROVISIONS

Task 1.I Environmental

CONSULTANT shall prepare an Area of Potential Effects/Impact (APE/I) Map of the enveloped alternatives for use in the environmental studies. CONSULTANT shall assist in preparation of the project description and determining NEPA and CEQA boundaries. CONSULTANT shall also coordinate with LSA in preparing environmental documentation. The detailed scope of LSA's environmental services for this task in this phase is included as Attachment 2.

Deliverables:

- APE/I Map
- Project Description
- See Attachment 2

Task 1.J Phase 1 Initial Site Assessment (ISA)

TRC shall update the previous March 2011 ISA that was prepared for the proposed Castroville Railroad Crossing -- Bicycle/Pedestrian Path Project to include the new potential area of impact extending west along Salinas Street between Axtell and McDougall. TRC shall determine if construction of the path in this extended corridor to the west of the existing project boundaries could be affected by any recorded or visible hazardous waste problems and to recommend any additional ISA work that may be needed prior to conducting Preliminary Site Investigations for the proposed project. The ISA update shall be prepared in accordance with the guidelines provided in the Caltrans Project Development Procedures Manual, Updated Seventh Edition. Subsurface investigation, detailed geological mapping, and laboratory analysis of soil or groundwater samples will not be part of this investigation. The following is a summary of the ISA Update scope of work:

- Complete a governmental records database search to obtain a listing of properties or known incidents shown on Federal and State databases for hazardous waste sites within the newly defined project area.
- Review Agency records of release incidents in the project vicinity.
- Conduct a site visit to identify any visible exterior areas of potential contamination that might impact the proposed project implementation.
- Review historical aerial photographs and historical topographic maps of the subject site and surrounding areas to visually identify previous land uses.

Deliverables:

- Addendum to Previously Prepared Phase I ISA Report

Task 1.K Project Management and Coordination

This task consists of the direction of the work; attendance at monthly project meetings, including meetings with COUNTY, community of Castroville, Caltrans, Federal Highway Administration (FHWA), or other interested agencies, excluding those listed in other tasks herein; project coordination with the COUNTY, affected agencies, and subconsultants; telephone coordination and conferences; monitoring

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

schedule and budget performance; and preparing monthly progress reports, invoices, and schedule updates for the COUNTY.

Deliverables:

- Meeting Agenda and Notes
- Email Conversation Confirmers
- Monthly Progress Reports

PHASE I: PRELIMINARY DESIGN SUPPLEMENTAL TASKS

Task 1.Q Move Alignment in Caltrans Right-of-Way

This task includes work described under Tasks 1.D., 1.E., and 1.F., but for the segment east of Axtell. CONSULTANT shall examine an alignment shifted into Caltrans right-of-way, and prepare layout sheets and an exhibit for County's use in discussing this possibility with Caltrans.

Deliverables:

- Layout Sheets
- Typical Section Sheet
- Plan and Profile Sheets

County-Provided Services and Information

CONSULTANT shall work with COUNTY staff to obtain documents and resources from other agencies, cities, and the COUNTY to carry out the scope of work. The CONSULTANT shall meet with the COUNTY to get working knowledge about citizen concerns, maintenance staff capabilities and limitations, policing issues etc., relevant to this project. The CONSULTANT shall incorporate recommendations regarding presentations, designs under consideration, and to solve problems that arise with the COUNTY.

The COUNTY shall provide the following additional information:

- a. Orthographic aerial photos on CD-ROM.
- b. Oblique aerial photos of site or vicinity (if available, and even if old).
- c. Utilities information for any known projects in the immediate vicinity of the project including description of utility, horizontal and vertical clearance requirements, and feasibility of relocation.
- d. As-built drawings for the SR 156 pedestrian bridge and freeway segment near site, including any ultimate R/W footprint near this project.
- e. Crime statistics for the vicinity of the project, and police department contact person knowledgeable about the policing challenges in the project area.

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

TASK COUNTY.1 SURVEYS AND MAPPING

The general scope of services to be provided includes:

1. Mobilization

Research for available topographic and boundary mapping of project areas; obtain copies of recorded maps from County Surveyor's office; obtain copies of mapping available from County Department of Public Works; coordination with CONSULTANT for determination of areas to be mapped and survey control requirements.

2. Field Services

Search for bench marks, existing monumentation, and property boundaries in critical areas; set out control for mapping targets; field measurements to determine horizontal and vertical positions of monuments and targets; mark out project limits for USA utility location request; location of utility features in areas selected for construction work; and perform field surveys.

3. Base Mapping

Reduce and plot field data; preparation of control diagram; compilation of boundary and utility locations on base sheets; preparation of base sheet layout for project plans; provide CONSULTANT with hard copy and electronic versions of mapping and base sheets. Information shall be provided in AutoCAD format suitable for use with Civil 3D software. It is assumed that CONSULTANT shall not have to manipulate or compile the data file in any way.

4. Right of Way Engineering

This task consists of records research and securing assessor's parcel maps. Preparation of descriptions and exhibits for right-of-way acquisition and construction easements, right-of-way appraisals, and acquisition work shall be performed, as necessary, in Phase 2. The CONSULTANT shall work with the COUNTY to estimate unit costs for right of way acquisition for CONSULTANT's use in preparing the planning study level cost estimate.

Attachments

1. Scope of work for Geotechnical (Task 1.C)
2. Scope of work for Environmental (Task 1.I)
3. Deliverables List
4. Plan Sheet List
5. Project Schedule
6. Project Fee

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Attachment 1

PARIKH CONSULTANTS, INC. SCOPE OF WORK

Geotechnical Report for the Castroville Railroad Crossing Bicycle/Pedestrian Path, Monterey County

Project Approach

Proposed project shall include a bike and pedestrian pathway from McDougall to Axtell along Salinas Street. The additional length of the project is about 0.42 miles and shall include paved path. Our approach is to supplement existing data by performing additional Cone Penetrometer tests along the suggested alignment and to collect R-value samples for the pavement design.

Geotechnical Report Scope:

Following is a task breakdown for the proposed work.

- Task 1.1 - Research and Data Collection: Review of readily available geologic and soil literature in the vicinity of the site including review of any as-built drawings and existing log of test boring (LOTB).
- Permits/USA Clearances: We shall comply with the County Permit requirements.
- Consultation: Parikh shall discuss the preliminary pathway section with the designer and provide a discussion memo if needed.

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

PARIKH CONSULTANTS, INC.

10/18/2010

~~Preliminary Info/Task 1.1 Only~~

Geotechnical Report

Job No: 3088

Castroville RR Crossing for Bike and Pedestrians

Client: County of Monterey

Task: Geotechnical Report (Foundation & Pavement)

Permitting

Project: Castroville Ped & Bike crossing

Util. Clear/Preliminary Info

Location: Castroville OH at Rte 156

PERSONNEL	UNIT RATE	HOURS UNIT	SUB-TOTALS	Task 1.1	
				HR	COST
1. Project Manager	\$ 81.04	1	\$81.04	1	\$81.04
2. Sen Proj. Soils Engineer	\$ 56.75	0	\$0.00		
3. Project Engineer	\$ 40.86	4	\$163.44	4	\$163.44
4. Staff Engineer	\$ 31.43	4	\$125.72	4	\$125.72
5. Field Engineer	\$ 37.01	6	\$222.06	6	\$222.06
6. Laboratory Technician	\$ 41.02	0	\$0.00		
7. Engineering Draftsperson	\$ 31.43	0	\$0.00		
8. Contract Management	\$ 50.10	0	\$0.00		
DIRECT LABOR		15	\$592.26	15	592.3

OVERHEAD + FRINGES (140.00% of direct labor)	829.2	829.16
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FIXED FEE (10% of labor + overhead + fringes)	142.1	142.14
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TOTAL LABOR COSTS	\$ 1,563.57
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OTHER DIRECT COSTS			
1. Travel Mileage	\$0.550	0.0	0.00
2. Drilling mob-demob	\$180	0.0	0.00
3. Drilling Costs @	\$180	0.0	0.00
4. Grouting of holes *	\$4	0.0	0.00
5. Reproduction	\$50	0.0	0.00
6 Cone Penetrometer Tests	\$4,000	0.0	0.00
7. Traffic Control/Barricades	\$725	0.0	0.00
8. Handling charge 0%			0.00
			\$1,563.57

MILESTONE SUBTOTALS	
TOTAL DIRECT COSTS	\$ -

TOTAL THROUGH FINAL REPORT	\$1,563.57
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Task 1.2 -7 includes
 Exploration is planned for new alignment, alternate underpass and to update 1998 report.
 Cuttings are assumed to be dispersed in the field.
 Exploration includes up to 2 CPT tests to 70' depth, three R value samples to 3' depth.
 CPT rate is a minimum flat portal to portal rate per site visit.

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Attachment 2

LSA ASSOCIATES, INC. SCOPE OF WORK

**Environmental Documents for the
Castroville Railroad Crossing Bicycle/Pedestrian Path,
Monterey County**

BIOLOGICAL RESOURCES

LSA shall not need to conduct an additional site visit for biological resources. LSA shall require additional time to incorporate the additional alignment into the Natural Environment Study-Minimal Impact and associated figures currently in preparation for the project.

Cultural Resources

LSA conducted a records search of the project site prior to the additional alignment; therefore, LSA shall need to conduct an additional records search for the project to include the additional project alignment. LSA shall not need to conduct an additional site visit for cultural resources. LSA shall require additional time to incorporate the additional alignment into the Archaeological Survey Report currently in preparation for the project.

Project Management

LSA shall require additional project management time to incorporate the additional alignment; however, the addition is not anticipated to affect the project schedule.

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Attachment 3

DELIVERABLES LIST

PHASE 1

Deliverable	Task
Kick Off Meeting Agenda and Meeting Minutes	1.A
Field Review Meeting Notes	1.A
Survey Request Form	1.A
Utility A Letters	1.B
Utility Contact Table	1.B
Geotechnical Letter Report	1.C
Geometric Approval Drawing Exhibit (Alternative 1)	1.D
Geometric Approval Drawing Exhibit (Alternative 2)	1.D
Preliminary Cost Estimate (Class 1)	1.E
Preliminary Cost Estimate (Class 1 and 2)	1.E
Layout Sheets	1.F
Typical Section Sheets	1.F
Draft Feasibility Report	1.G
Final Feasibility Report	1.G
Preliminary Plans	1.H
Appended Environmental Documents for McDougall Extension	1.I
Addendum to Phase 1 ISA Report	1.J
Monthly Progress Reports, e-mail confirmers, Meeting Agenda and Notes	1.K
Layout Sheets	1.Q
Typical Section Sheets	1.Q
Plan and Profile Sheets	1.Q

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Attachment 4

PLAN SHEET LIST

Sheet Number	City Sheet Designation	Sheet Title	Task No
		Geometric Approval Drawings	1.D
1	X	Typical Cross Section 1	1.H
2	P	Plan and Profile 1 (Pedestrian Path)	1.H
3	P	Plan and Profile 2 (Pedestrian Path)	1.H
4-5	L	Layout Sheets	1.H
6	K	Key Map R/W Exhibit	1.H
7-8	L	Layout Sheets	1.Q
9	X	Typical Section Sheet	1.Q
10-13	P	Plan and Profile Sheets (In CT R/W)	1.Q

Roadway sheets are 1"=40' scale
 Note: Drainage shall be shown on P&P
 * sheets.

Attachment 5

PROJECT SCHEDULE

A detailed CPM schedule in Microsoft Project is attached. The durations for certain tasks such as public involvement are approximate.

EXHIBIT A-1 - SCOPE OF SERVICES/PAYMENT PROVISIONS

COUNTY OF MONTEREY
CASTROVILLE RAIL CROSSING PROJECT
PROJECT SCHEDULE

ID	Task Name	Duration	Start	Finish	Preced	2012	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	NTP	1 day	Mon 11/21/11	Mon 11/21/11		100%												
2	Phase 1 Preliminary Engr & Env. Review	473 days	Tue 1/25/11	Fri 11/16/12		25%												
3	1.A. COUNTY:1 Surveying (by County)	151 days	Wed 1/26/11	Wed 6/24/11		0%												
4	1.B Utility Coordination and Polishing	95 days	Mon 4/26/11	Fri 7/23/11		0%												
5	1.C. Geotechnical Investigation	65 days	Tue 11/22/11	Mon 2/20/12		0%												
6	1.D. Geometric Approval Drawing	64 days	Mon 4/14/11	Mon 12/19/11		70%												
7	1.E Preliminary Cost Estimate	20 days	Mon 11/21/11	Thu 2/9/12		20%												
8	1.F Alternative Analysis	30 days	Mon 10/10/11	Wed 11/10/11		25%												
9	County Review 1 Alternatives	10 days	Thu 2/9/12	Thu 2/23/12		0%												
10	1.G Project Feasibility Report	20 days	Thu 2/23/12	Thu 3/22/12		0%												
11	County Review 2 Feasibility Report	10 days	Thu 3/22/12	Thu 4/6/12		0%												
12	1.H Preliminary Plan Submittal	40 days	Thu 4/6/12	Thu 5/31/12		0%												
13	County Review 3 Preliminary Plans	10 days	Thu 5/31/12	Thu 6/14/12		0%												
14	1.I Environmental Documents	329 days	Wed 1/26/11	Fri 11/9/12		0%												
15	1.J Phase 1 ISA	126 days	Wed 3/30/11	Wed 1/4/12		0%												
16	1.K Project Management & Coordination	473 days	Tue 1/25/11	Fri 11/16/12		90%												
17	Coordination	257 days	Wed 1/26/11	Mon 8/27/12		20%												
18	Kickoff Meeting 1	0 days	Tue 1/25/11	Tue 1/25/11		0%												
19	Meeting 2	1 day	Wed 2/23/11	Wed 2/23/11		0%												
20	Meeting 3	1 day	Wed 6/15/11	Wed 6/15/11		0%												
21	Meeting 4	5 days	Thu 4/26/12	Thu 4/26/12		0%												
22	Meeting 5	5 days	Thu 6/14/12	Thu 6/21/12		0%												
23	Meeting 6	5 days	Mon 11/12/12	Fri 11/16/12		0%												
24	1.L UPRR and PUC Coordination	243.7 days	Mon 9/26/11	Mon 9/26/11		0%												
25	1.L.1 UPRR Coordination	233.7 days	Mon 9/26/11	Mon 9/26/11		0%												
26	1.L.1.1 Conceptual Design Approval	5 days	Mon 12/19/11	Mon 12/29/11		0%												
27	1.L.1.2 Public-Utility Pipeline Coordination	130 days	Mon 9/26/11	Fri 3/23/12		0%												
28	1.L.1.3 60% Submittal Approval	45 days	Thu 6/14/12	Thu 6/14/12		0%												
29	1.L.2 PUC Coordination	188.5 days	Mon 12/19/11	Thu 9/6/12		0%												
30	1.L.2.1 Diagnostic Meeting	15 days	Mon 12/19/11	Mon 1/9/12		0%												
31	1.L.2.2 Partial Prep Rule 38 Application	15 days	Thu 6/16/12	Thu 6/16/12		0%												
32	1.L.2.3 Prep Rule 38 App. Letter	5 days	Thu 6/16/12	Thu 6/23/12		0%												
33	1.M Alignment & Structure Modeling	35 days	Wed 1/26/11	Thu 6/21/11		0%												
34	1.N Public Outreach	72 days	Wed 2/23/11	Thu 6/21/11		0%												
35	1.O Local Group Coordination	200 days	Wed 2/23/11	Mon 8/12/12		0%												
36	1.P Visual Impact Study	20 days	Wed 1/16/12	Wed 2/15/12		0%												
37	NTP Amendment 1	1 day	Tue 12/6/11	Tue 12/6/11		0%												
38	1.Q Move Alignment Into Caltrans ROW	40 days	Wed 12/7/11	Tue 1/31/12		0%												

Project: Monterey County
Date: Fri 11/16/11

Legend:
 Critical Milestone: [Diamond]
 Milestone: [Diamond]
 Summary Progress: [Bar with arrow]
 Summary: [Bar with arrow]
 Baseline Split: [Bar with arrow]
 Baseline: [Bar with arrow]
 Task Progress: [Bar with arrow]
 Split: [Bar with arrow]
 Critical Split: [Bar with arrow]
 Critical Progress: [Bar with arrow]
 Task: [Bar with arrow]

Page 1

EXHIBIT A-1 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Attachment 6

PROJECT FEE

The basis of payment for the services provided under this Agreement shall be a lump sum. Pursuant to satisfactory completion of this agreement, and should all tasks be performed, a lump sum payment of \$67,237.38, which includes all expenses incurred, shall be made to the CONSULTANT. Should certain tasks not be performed, then this lump sum amount shall be reduced by the amount indicated herein for each task not performed.

The above lump sum payment includes salary, fringe benefits, overhead, profit, and all other expenses incurred by the CONSULTANT. See attached detailed spreadsheets for a summary of fees and the breakdown of the lump sum fee.

The above payment is in addition to the \$329,509.71 currently authorized. The total budget allocated under the Agreement, including this Amendment 1, is then \$396,747.09.

COMMUNITY OF CASTROVILLE
 McDUGALL EXTENSION - BICYCLE/PEDESTRIAN
 PRELIMINARY DESIGN PHASE

TRC ENGINEERS
 DESIGN FEE ESTIMATE WORKSHEET

Date:

11/18/11

Project:
 Increase:
 Sub administration:

174373	0.0%	0%
--------	------	----

18-Nov-11
 01:41:46 PM

Description	Expenses	Amount
Travel		
Airfare (round trips)		\$0
Mileage		\$400
Lodging		\$0
Per Diem		\$0
Car Rental		\$0
Misc.		\$0
Travel Subtotal		\$400
Other Direct Costs		\$236
Subconsultants Admin. Costs		\$0
ODC Subtotal		\$236
Total		\$636

Subconsultants	Amount
Parikh Consultants	\$1,564.00
LSA Associates	\$3,170.00
Total	\$4,734

EXHIBIT A-1 - SCOPE OF SERVICES/PAYMENT PROVISIONS

	Total Fee Estimate
Labor	\$61,867.50
Subconsultants	\$4,734.00
Expenses	\$635.88
Total	\$67,237.38



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
07/25/2011

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Greyling Insurance Brokerage 450 Northridge Parkway Suite 102 Atlanta, GA 30350 Matias Ormaza	1-770-552-4225	CONTACT NAME: Jerry Noyola PHONE (A/C, No, Ext): 770-552-4225 E-MAIL ADDRESS: jerry.noyola@greyling.com	FAX (A/C, No): 866-550-4082
INSURED TRC Engineers, Inc. TRC Companies, Inc. 123 Technology Drive Irvine, CA 92618		INSURER(S) AFFORDING COVERAGE	NAIC#
		INSURER A: Commerce & Industry Insurance Company	
		INSURER B: Chartis Speciality Insurance Company	
		INSURER C: Twin City Fire Insurance Company	
		INSURER D:	
		INSURER E:	
		INSURER F:	

COVERAGES CERTIFICATE NUMBER: 22420582 REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL ISUBR INSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input checked="" type="checkbox"/> LOC		GL 7168709	07/01/11	07/01/12	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 500,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGES \$ 2,000,000 \$
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		CA 7168888 MA CA 7168886 A/O	07/01/11 07/01/11	07/01/12 07/01/12	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		UMB 7168710	07/01/11	07/01/12	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	20 WN MF5434 A/O 20 WBR MF5433 WI	07/01/11 07/01/11	07/01/12 07/01/12	<input checked="" type="checkbox"/> WC STATUTORY LIMITS <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Professional Liability E&O-Including Pollution Liab.	N/A	3778255	07/01/11	07/01/12	Per Claim 10,000,000 Aggregate 15,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)

The County of Monterey, its officers, officials, directors, employees and volunteers are additional insureds where required by written contract. This insurance is primary and non-contributory.

CERTIFICATE HOLDER

County of Monterey
Shelley Dickinson
168 W. Alisal Street, 2nd Floor
Salinas, CA 93901

USA

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2010 ACORD CORPORATION. All rights reserved.

ACORD 25 (2010/05)
JNoyola
22420582

The ACORD name and logo are registered marks of ACORD

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED – OWNERS, LESSEES OR
CONTRACTORS – COMPLETED OPERATIONS**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization: County of Monterey, its agents, officers and employees 168 W. Alisal Street, 2nd Floor Salinas, CA 93901
Location And Description of Completed Operations: ALL, where required by contract prior to loss.
Additional Premium: Included

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

Section II – Who Is An Insured is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of "your work" at the location designed and described in the schedule of this endorsement performed for that insured and included in the "products-completed operations hazard".

POLICY NUMBER GL 7168709

COMMERCIAL GENERAL LIABILITY
CG 20 10 10 01

INSURED: TRC Engineers Inc.

TRC Companies Inc.

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

**ADDITIONAL INSURED - OWNERS, LESSEES OR
CONTRACTORS - SCHEDULED PERSON OR
ORGANIZATION**

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE PART

SCHEDULE

Name of Person or Organization:

County of Monterey, its agents, officers and employees
168 W. Alisal Street, 2nd Floor
Salinas, CA 93901
USA

(If no entry appears above, information required to complete this endorsement will be shown in the Declarations as applicable to this endorsement.)

A. **Section II - Who Is An Insured** is amended to include as an insured the person or organization shown in the Schedule, but only with respect to liability arising out of your ongoing operations performed for that insured.

(1) All work, including materials, parts or equipment furnished in connection with such work, on the project (other than service, maintenance or repairs) to be performed by or on behalf of the additional insured(s) at the site of the covered operations has been completed; or

B. With respect to the insurance afforded to these additional insureds, the following exclusion is added:

(2) That portion of "your work" out of which the injury or damage arises has been put to its intended use by any person or organization other than another contractor or subcontractor engaged in performing operations for a principal as a part of the same project.

2.Exclusions

This insurance does not apply to "bodily injury" or "property damage" occurring after:

ENDORSEMENT

This endorsement, effective 12:01 A.M. 07/01/2008 forms a part of

policy No. GL 716-87-09 issued to TRC COMPANIES, INC

by COMMERCE AND INDUSTRY INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY

ADDITIONAL INSURED - PRIMARY INSURANCE

This endorsement modifies insurance provided under the following:

COMMERCIAL GENERAL LIABILITY COVERAGE FORM

Section IV, Commercial General Liability Conditions, paragraph 4., Other Insurance, subparagraph a. Primary Insurance, is amended by the addition of the following:

However, coverage under this policy afforded to an additional insured will apply as primary insurance where required by contract, and any other insurance issued to such additional insured shall apply as excess and noncontributory insurance.



Authorized Representative or
Countersignature (In States Where
Applicable)

ENDORSEMENT

This endorsement, effective 12:01 A.M. 07/01/2007 forms a part of

policy No. CA 716-88-86 issued to TRC COMPANIES, INC.

by COMMERCE AND INDUSTRY INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

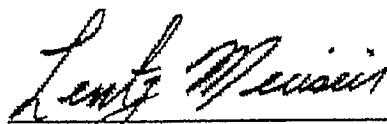
ADDITIONAL INSURED - WHERE REQUIRED UNDER CONTRACT OR AGREEMENT

This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

Section II - Liability Coverage, A. - Coverage; 1. - Who Is An Insured, is amended to add:

- d. Any person or organization to whom you become obligated to include as an additional insured under this policy, as a result of any contract or agreement you enter into which requires you to furnish insurance to that person or organization of the type provided by this policy, but only with respect to liability arising out of your operations or premises owned by or rented to you. However, the insurance provided will not exceed the lesser of:
1. The coverage and/or limits of this policy, or
 2. The coverage and/or limits required by said contract or agreement.



AUTHORIZED REPRESENTATIVE

ENDORSEMENT

This endorsement, effective 12:01 A.M. 07/01/2007 forms a part of

policy No. CA 716-88-86 issued to TRC COMPANIES, INC.

by COMMERCE AND INDUSTRY INSURANCE COMPANY

THIS ENDORSEMENT CHANGES THE POLICY. PLEASE READ IT CAREFULLY.

INSURANCE PRIMARY AS TO CERTAIN ADDITIONAL INSURED

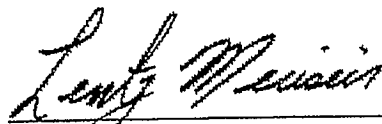
This endorsement modifies insurance provided under the following:

BUSINESS AUTO COVERAGE FORM

Section IV - Business Auto Conditions, B., General Conditions, 5., Other Insurance, C., is amended by the addition of the following sentence:

The insurance afforded under this policy to an additional insured will apply as primary insurance for such additional insured where so required under an agreement executed prior to the date of accident. We will not ask any insurer that has issued other insurance to such additional insured to contribute to the settlement of loss arising out of such accident.

All other terms and conditions remain unchanged.



Authorized Representative or
Countersignature (in States Where
Applicable)



COUNTY OF MONTEREY

PURCHASE ORDER

ORDER DATE 02-24-2012

SC 3000 0000002018

IMPORTANT

THE ABOVE NUMBER AND SHIP TO DEPARTMENT MUST APPEAR ON ALL SHIPPING LABELS, PACKING SLIPS, TRANSPORT DOCUMENTS, INVOICES AND CORRESPONDENCE.

<p>TRC ENGINEERS INC 10680 White Rock Road Ste 100 Rancho Cordova CA 95670</p>	<p>S H I P T O PUBLIC WRK 168 W. ALISAL ST., 2ND FLOOR SALINAS CA 93901</p>	<p>B I L L T O PUBLIC WRK 168 W ALISAL ST 2ND FLOOR SALINAS CA 93901</p>
<p>VENDOR</p>		<p>F.O.B.:</p>
<p>VENDOR NUMBER: CV0000000492</p>		
<p>DELIVERY DATE:</p>		

ITEM	QUANTITY	UNIT	COMMODITY CODE	ITEM DESCRIPTION	UNIT PRICE	SALES TAX	EXTENDED PRICE
1	0.0		91299	PURCH DESC: PROFESSIONAL SERVICES AGREEMENT (PSA) NO. A-11906 BETWEEN TRC ENGINEERS, INC AND THE COUNTY OF MONTEREY TO PROVIDE PRELIMINARY ENGINEERING AND ENVIRONMENTAL SERVICES FOR PHASE 1 OF THE CASTROVILLE RAILROAD CROSSING BICYCLE/PEDESTRIAN PATH (RFQ/RFP) #10197) FOR A TOTAL AMOUNT NOT TO EXCEED \$329,509.71. *****CHANGE ORDER***** AMENDMENT #1 INCREASE THE AMOUNT OF THE PSA BY \$67,237.38 FOR A TOTAL AMOUNT NOT TO EXCEED \$396,747.09. ALSO EXTENDS THE TERM FROM DECEMBER 28, 2011 THROUGH DECEMBER 28, 2012. **THIS PURCHASE ORDER IS VALID FROM 07/01/2011 THROUGH 06/30/12. AND IS A CONTINUATION OF PO# SC0000001578**. COMM LINE DESC: Construction In Progress/Project in Progress MSDS: Not Required 002 - 3000 - 8195 - RMA012 - 7551 - - 8622 - 8622 - - 327084.92	.00	.00	327,084.92

THE SHADED ROWS ARE FOR MONTEREY COUNTY DEPARTMENT USE ONLY

All Vendors are required to review the Monterey County general terms and conditions which apply to all contracts, purchase orders, and other electronic procurements made with the County unless otherwise noted. Said terms and conditions can be found on the County website at http://www.co.monterey.ca.us/admin/terms_conditions.htm

<p>TAX EXEMPTION INFORMATION: FEDERAL EXCISE TAX EXEMPTION NUMBER 94-6000524</p>	<p>ORDER TOTAL 327,084.92</p>
--	-------------------------------

COUNTY BUYER INFORMATION
 Jaime Ayala
 EMAIL: ayalaj@co.monterey.ca.us
 TELEPHONE: (831)755-4998 x4998

AUTHORIZED BY COUNTY OF MONTEREY
 DEPUTIZED PURCHASING AGENT


CONTRACTS/PURCHASING DIVISION
 168 W. Alisal St. 3rd Floor, Salinas, CA 93901