

**AMENDMENT NO. 5  
TO PROFESSIONAL SERVICES AGREEMENT  
BETWEEN COUNTY OF MONTEREY AND  
TRC ENGINEERS, INC.**

**THIS AMENDMENT NO. 5** 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 "Parties") and effective as of the last date opposite the respective signatures below.

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

**WHEREAS**, Agreement was amended by the Parties on February 1, 2012 (hereinafter, "Amendment No. 1", including Exhibit A-1 – Scope of Services/Payment Provisions), December 7, 2012 (hereinafter, "Amendment No. 2"), June 24, 2013 (hereinafter, "Amendment No. 3", including Exhibit A-2 – Revised Rate Schedule), and December 4, 2013 (hereinafter, "Amendment No. 4", including Exhibit A-3 – Scope of Services/Payment Provisions); and

**WHEREAS**, Phase 1 of the Castroville Railroad Crossing Bicycle/Pedestrian Path (hereinafter, "Project") has been completed; and

**WHEREAS**, due to an unforeseen design conflict with existing fiber optic lines located at the Project site, additional design, engineering, plans, specifications, estimate, right-of-way and utility coordination services, and other assistance tasks are required for completion of Phase 2 of the Project; and

**WHEREAS**, additional time and funding are necessary to complete remaining tasks and new additional for Phase 2 and Phase 3 of the Project; and

**WHEREAS**, the Parties wish to further amend the Agreement to extend the term to December 31, 2017 and to increase the amount by \$74,297.00 to continue to provide tasks identified in the Agreement and as amended by this Amendment No. 5.

**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, A-1, A-2, A-3 and A-4 in conformity with the terms of the Agreement.

Amendment No. 5 to Professional Services Agreement  
TRC Engineers, Inc.  
Castroville Railroad Crossing Bicycle/Pedestrian Path (RFQ/RFP #10197)  
RMA - Public Works  
Term: December 28, 2010 – December 31, 2017  
Not to Exceed: \$1,039,087.69

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, A-1, A-2, A-3 and A-4, 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 \$1,039,087.69.

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 31, 2017, unless sooner terminated pursuant to the terms of this Agreement.

4. Amend Paragraph 4, "Additional Provisions/Exhibits", by adding "Exhibit A-4 – Scope of Services/Payment Provisions".

5. The Project Schedule referenced in Amendment No. 1, Exhibit A-1 – Scope of Services/Payment Provisions, is hereby amended to extend through December 31, 2017, to conform to the amended term of the Agreement.

6. All other terms and conditions of the Agreement remain unchanged and in full force.

7. This Amendment No. 5 shall be attached to the Agreement and incorporated therein as if fully set forth in the Agreement.

8. The recitals to this Amendment No. 5 are incorporated into the Agreement and this Amendment No. 5.

Amendment No. 5 to Professional Services Agreement  
TRC Engineers, Inc.  
Castroville Railroad Crossing Bicycle/Pedestrian Path (RFQ/RFP #10197)  
RMA - Public Works  
Term: December 28, 2010 – December 31, 2017  
Not to Exceed: \$1,039,087.69

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment No. 5 to the Agreement which shall be effective as of the last date opposite the respective signatures below.

**COUNTY OF MONTEREY**

**CONTRACTOR\***

By: \_\_\_\_\_  
Contracts/Purchasing Officer

TRC Engineers, Inc.  
Contractor's Business Name

Date: \_\_\_\_\_

By: *Mark Imbrioni*  
(Signature of Chair, President or Vice President)

Its: Mark Imbrioni, Vice President  
(Print Name and Title)

Date: 11/12/15

**Approved as to Form and Legality  
Office of the County Counsel**

By: *James Baker*  
(Signature of Secretary, Asst. Secretary, CFO,  
Treasurer or Asst. Treasurer)

By: \_\_\_\_\_  
Deputy County Counsel

Its: James Baker Assit Secretary  
(Print Name and Title)

Date: \_\_\_\_\_

Date: 11/16/15

**Approved as to Fiscal Provisions**

By: \_\_\_\_\_  
Auditor/Controller

Date: \_\_\_\_\_

**Approved as to Indemnity and Insurance Provisions**

By: \_\_\_\_\_  
Risk Management

Date: \_\_\_\_\_

\*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.

Amendment No. 5 to Professional Services Agreement  
TRC Engineers, Inc.  
Castroville Railroad Crossing Bicycle/Pedestrian Path (RFQ/RFP #10197)  
RMA - Public Works  
Term: December 28, 2010 – December 31, 2017  
Not to Exceed: \$1,039,087.69

IN WITNESS WHEREOF, the Parties hereto have executed this Amendment No. 5 to the Agreement which shall be effective as of the last date opposite the respective signatures below.

**COUNTY OF MONTEREY**

**CONTRACTOR\***

By: \_\_\_\_\_  
Contracts/Purchasing Officer

TRC Engineers, Inc.  
Contractor's Business Name

Date: \_\_\_\_\_

By: *Mark Imbriani*  
(Signature of Chair, President or Vice President)

Its: Mark Imbriani, Vice President  
(Print Name and Title)

Date: 11/12/15

**Approved as to Form and Legality  
Office of the County Counsel**

By: *[Signature]*  
Deputy County Counsel

Date: 11-19-15

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

Its: James Baker Assit Secretary  
(Print Name and Title)

Date: 11/16/15

**Approved as to Fiscal Provisions**

By: *[Signature]*  
Auditor/Controller

Date: 11-19-15

**Approved as to Indemnity and Insurance Provisions**

By: \_\_\_\_\_  
Risk Management

Date: \_\_\_\_\_

\*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.

Amendment No. 5 to Professional Services Agreement  
TRC Engineers, Inc.  
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RMA - Public Works  
Term: December 28, 2010 – December 31, 2017  
Not to Exceed: \$1,039,087.69

## EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

To Professional Services Agreement by and between  
County of Monterey, Resource Management Agency – Public Works,  
hereinafter referred to as “COUNTY”  
and  
TRC Engineers, Inc., hereinafter referred to as “CONTRACTOR”  
for the  
Castroville Railroad Crossing Bicycle/Pedestrian Path,  
hereinafter referred to as “Project”

CONTRACTOR shall provide additional design, engineering, plans, specifications, estimate, right-of-way and utility coordination services, and other assistance necessary for completion of the Project. Revisions to or new additional tasks are as follows:

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### PHASE II: FINAL DESIGN BASIC TASKS

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Upon receiving written Notice-to-Proceed (NTP) from the COUNTY, the final design supplemental tasks shall commence. The plan sheets anticipated to be modified are listed on Attachment 2. This scope, schedule, and fee are based on that list of plan sheets. Task numbering below refers to the original Agreement or subsequent amendments.

#### **Task 2.A Final Design Startup – No change.**

#### **Task 2.B Approach Design Work**

The following paragraph is added to Task 2.B.8:

##### **Task 2.B.8 Retaining Wall/Approach Structure Design**

Design modifications shall be required to the west approach structure to accommodate AT&T’s ductbank. This includes modifications to the end diaphragm to allow passage of the AT&T ductbank. It is agreed that foundation modifications shall not be required. Existing plan sheets shall be modified to incorporate this redesign; no additional plan sheets are required.

#### **Task 2.C Rail Crossing Design Work**

The following paragraphs are added to Task 2.C, Task 2.C.2, and Task 2.C.3:  
This scope proposes that the design shall be modified at Abutment 1 to accommodate the AT&T ductbank. Modifications to the abutment and foundation are required. Existing plan sheets shall be modified to incorporate this redesign; no additional plan sheets are required. Work is described below and shall be segregated so that the COUNTY may pursue reimbursement for these costs from AT&T should the COUNTY so desire.

##### **Task 2.C.2 Structure Design**

The structure design and plan details shall be modified to incorporate the ductbank, resulting in revised Unchecked Details. The Unchecked Details

## EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

shall be submitted to the COUNTY, Castroville Community Services District (CCSD), AT&T, and Monterey County Water Resources Agency (MCWRA) for review and approval before beginning.

### **Task 2.C.3 Structure Design Check**

The revised Unchecked Details shall be independently checked. The Checked Details are then ready for specification and estimate preparation, and shall be submitted to the COUNTY for review and approval before beginning.

### **Task 2.D 35% and 65% Plans Submittal – No change.**

### **Task 2.E Specifications and Cost Estimate**

The following paragraphs are added to Task 2.E.1 and Task 2.E.2:

#### **Task 2.E.1 Specifications**

Specifications shall be prepared for the structure modification.

#### **Task 2.E.2 Cost Estimate**

Two (2) independent sets of quantity calculations shall be performed by individuals experienced in this work. Unit prices shall be applied to each Agreement item. The estimate for utility work shall be segregated for use by the COUNTY to obtain reimbursement.

### **Task 2.F Quality Control**

The following paragraph is added to Task 2.F:

Quality control reviews shall be conducted before the following submittals:

- Modified 65% Plans, Unchecked Bridge Details and Cost Estimate
- Modified Draft Plans, Specifications & Engineering Estimate (PS&E) and Checked Bridge Details

The plans shall be reviewed for compatibility between portions of work and design disciplines. Structure plans shall be reviewed regarding implementation of geotechnical recommendations by the CONTRACTOR's Geotechnical Engineer prior to Draft PS&E submittal to the COUNTY. Supplemental recommendations and evaluations shall be provided as appropriate to resolve emergent design considerations.

### **Task 2.G Draft PS&E Submittal**

The following paragraph is added to Task 2.G:

A revised submittal of the Draft PS&E shall be made to the COUNTY. This submittal shall include the revised PS&E to accommodate CCSD, AT&T, and MWRCA facilities and relocations.

**EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS**

**Task 2.H Permitting Coordination – No change.**

**Task 2.I FINAL PS&E – No change.**

**Task 2.J Project Management & Coordination**

The following paragraph is added to Task 2.J:

This task consists of additional work in directing the work; attendance at two (2) additional meetings with COUNTY or other interested agencies, including those listed in all tasks herein; Project coordination with the COUNTY, affected agencies, and subconsultants; telephone coordination and conferences in covering the utility dispositions in the Agreement documents.

**Task 2.K Geotechnical**

The following paragraph is added to Task 2.K.:

Work shall consist of providing geotechnical recommendations for redesign of Abutment 1 and the west approach structure. No additional field exploration shall be performed. Appropriate modifications shall be made to the geotechnical report via a brief addendum.

**Task 2.L Geotechnical – No change.**

**Task 2.M Union Pacific Rail Road (UPRR) and Public Utilities Commission (PUC\_ Coordination – No Change**

**Task 2.N Aesthetic Features and Public Art – No Change.**

**Task 2.O Waterline and Sewerline Encasement Design**

The following paragraph is added as a new task:

**2.O.A. Waterline and Sewerline Avoidance Coordination**

This task consists of additional coordination with the CCSD regarding avoidance of their 19" outside diameter (O.D.) (18" inside diameter) sewerline and 16" O.D. waterline within the Project limits. Work generally includes coordination with the COUNTY and CCSD through telephone conversations, emails, and one (1) in-person meeting at CCSD or COUNTY offices.

CONTRACTOR shall prepare a sewer conflict exhibit. CONTRACTOR shall also prepare a sewer conflict exhibit showing potential areas for relocation of the sewerline due to conflicts with structure design upon receipt of potholing information. The sewerline will likely be relocated within the area near Bent 8, Abutment 12, and the east approach structure as shown on the sewer conflict exhibit so that the current structure design shall not require modification.

## **EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS**

The design of the sewer relocation shall be performed by CCSD or a consultant to CCSD. CONTRACTOR shall coordinate with the sewerline designers during their design. Further, CONTRACTOR shall incorporate the PS&E for the sewerline into Construction Contract documents. It is assumed that CCSD's design shall be performed in compliance with Caltrans 2010 Standard Plans and Specifications and thus be relatively easily incorporated into CONTRACTOR's PS&E. CCSD's plan sheets and special provisions, shall be incorporated into the Construction Contract documents without modification by CONTRACTOR.

CONTRACTOR shall assist the COUNTY in negotiating a reimbursement agreement with CCSD. Agreement items for the sewerline shall be segregated in the Engineer's Estimate as nonparticipating costs such that the Contractor for the Construction Phase of the Project can bid on those items and the reimbursement amount be easily determined.

The waterline shall not interfere with the proposed structure and thus not require relocation nor any PS&E incorporation and only minimal coordination on the part of CONTRACTOR.

### **Task 2.P Public Outreach and Meetings and Local Group – No change**

### **Task 2.Q AT&T Ductbank Avoidance**

This task consists of coordination with AT&T regarding their various facilities within the Project limits. These facilities include:

- Overhead lines along Salinas Street;
- Overhead lines from Salinas Street across the Union Pacific Railroad Right-of-Way (UP R/W) and extending towards Castroville Boulevard;
- An underground ductbank facility located along the southern edge of Salinas Street;
- An underground ductbank facility located along the southern edge of Collins Road; and
- A fiber-optic line that crosses the proposed pathway at around station 40+50 and proceeds northwesterly towards the UP R/W.

Note that various other facilities are located on joint poles throughout the Project limits. AT&T shall perform any coordination necessary in regards to their placement on poles owned by others (such as Pacific Gas & Electric (PG&E)) or that are jointly owned such that CONTRACTOR's role is nominal in this effort.



## EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Work generally includes coordination with the COUNTY and AT&T through telephone conversations, emails, site walks, and two (2) in-person meetings at AT&T or PG&E or COUNTY offices, as well as redesign to accommodate certain of their facilities where it is shown to be economically or otherwise beneficial to the COUNTY.

CONTRACTOR shall prepare a preliminary relocation plan and structure design, as well as a cost estimate, to accommodate the ductbanks in their existing locations. CONTRACTOR shall prepare a memorandum to accompany and explain this information, for COUNTY's use in presenting AT&T with the option to either pay for the accommodation or to relocate their facilities.

CONTRACTOR shall prepare an exhibit showing recommended potholing locations and potential areas for relocation of the ductbanks. Upon receipt of potholing information, CONTRACTOR shall, in coordination with the COUNTY, modify the memorandum, preliminary design, and cost estimate to accommodate the ductbanks as appropriate. The COUNTY shall decide whether to pursue reimbursement from AT&T for this cost or whether to require AT&T to relocate their facility(ies) to avoid these expenses.

The following dispositions are expected:

- Overhead lines along Salinas Street shall be relocated by others where they conflict with the proposed pathway alignment;
- Overhead lines from Salinas Street across the UP R/W and extending towards Castroville Boulevard shall be relocated by others to the northern limit of the Project, located in a Public Utility Easement (PUE) to be obtained by the COUNTY;
- The underground ductbank facility located along the southern edge of Salinas Street shall be accommodated by modifying the design of Abutment 1 and the west approach structure. CONTRACTOR shall perform this redesign;
- The underground ductbank facility located along the southern edge of Collins Road shall be relocated to the south by AT&T such that the current structure design does not require any modification;
- The fiber-optic line that crosses beneath the proposed pathway at around station 40+50 and proceeds northwesterly towards the UP R/W shall remain unaffected by the Project and does not affect the current design.

CONTRACTOR shall perform the redesign of Abutment 1 and the west approach structure to accommodate the conveyance of the AT&T ductbank through the structure under tasks 2.B.8 and 2.C. The existing ductbank shall be temporarily supported by the Construction Contractor while the structure is constructed around the ductbank.

## EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

The design of the utility relocations shall be performed by AT&T or their consultant. CONTRACTOR shall coordinate with the AT&T designers during their design. CONTRACTOR shall not incorporate the PS&E for the relocations into the Agreement documents, although the existing and relocated facility locations shall be shown on the plans for clarity. The timing of such relocations, occurring within the time period of the COUNTY's Agreement, shall be specified in the special provisions.

CONTRACTOR shall assist the COUNTY in negotiating a reimbursement agreement with AT&T. Agreement items for the structure redesign shall not be segregated in the Engineer's Estimate (there are no new items, just increased quantities of existing Agreement items) but shall be made available to the COUNTY in an estimate to allow the Construction Contractor to bid on the totality of those items and to allow the reimbursement amount to be easily determined by the COUNTY.

CONTRACTOR shall further assist the COUNTY and its Right-of-Way Consultant by providing supporting information required to secure the necessary PUE and agreements for any relocated utilities.

### **Task 2.R Saltwater Intrusion Pipeline Avoidance**

This task consists of coordination with the MCWRA regarding various reclaimed water facilities within the Project limits. The facilities include:

- Numerous underground pipelines along Collins Road and extending northward into the Dubach property;
- An aboveground vault located just east of the UP R/W; and
- Other ancillary facilities throughout the eastern Project area.

MCWRA shall perform any coordination necessary in regards to the placement of their facilities.

Work generally includes coordination with the COUNTY and MCWRA through telephone conversations, emails, site walks, and one (1) in-person meeting at MCWRA or COUNTY offices, but not any redesign to accommodate certain of their facilities.

CONTRACTOR shall prepare a reclaimed water exhibit to help to accommodate the pipelines in their existing locations. CONTRACTOR shall prepare a memorandum to accompany and explain this information for COUNTY's use in presenting to MCWRA.

CONTRACTOR shall prepare an exhibit showing recommended potholing locations. CONTRACTOR shall also prepare a reclaimed water conflict exhibit and if necessary, potential areas for relocation of the pipeline(s) upon receipt of potholing information. However, design shall not be performed. Any required design shall be extra services.

## EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

The following dispositions are expected:

- The pipeline in the vicinity of Bent 8 shall be protected in place during construction;
- The pipeline in the vicinity of Bent 11 shall be protected in place during construction; and
- Other facilities shall not be affected by the Project.

CONTRACTOR shall thus not perform the redesign of Bents 8 or 11 or any other portion of structure. COUNTY recognizes that the pipelines are quite close to these bents and might be in conflict or otherwise be damaged during construction. CONTRACTOR shall include preservation of property special provisions resulting in the Construction Contractor being responsible for repair of any damage to the pipelines during construction. The pipelines will need to be shut down during construction of Bents 8 and 11 so as to minimize the impact of any such damage resulting from Construction operations. Also, the existing pipelines will need to be temporarily supported by the Construction Contractor while the structure is constructed. Thus the design of pipeline relocations shall be not be required and so CONTRACTOR shall not need to incorporate the PS&E for pipeline relocations into Agreement documents, although the existing and relocated facility locations shall be shown on the plans for clarity.

**ANY ADDITIONAL SERVICES REFERENCED IN THIS EXHIBIT A-4 OF THIS AGREEMENT WHICH DO NOT INCLUDE A COST SHALL NOT BE PROVIDED BY THE CONTRACTOR UNLESS PRESENTED TO AND AUTHORIZED BY THE COUNTY IN WRITING VIA AN EXECUTED AMENDMENT TO THIS AGREEMENT.**

## EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

### PAYMENT PROVISIONS

#### SERVICES/TOTAL COMPENSATION:

1. Services provided under Exhibit A-4, Scope of Services/Payment Provisions shall be made on a time and materials basis at CONTRACTOR's standard hourly rates shown on the Design Fee Estimate Worksheet.
2. In addition, CONTRACTOR will be reimbursed for incurred (actual) other direct costs (ODCs) other than salary.
3. CONTRACTOR will be reimbursed for subconsultant costs at actual cost.
3. Reimbursement for transportation and subsistence costs shall not exceed the rates as specified by the COUNTY. CONTRACTOR shall receive compensation for travel expenses per the "Monterey County Travel and Business Expense Reimbursement Policy". A copy of the policy is available online at:  
[http://www.co.monterey.ca.us/auditor/pdfs/County\\_Travel\\_Business\\_Expense\\_Policy\\_12-5-12.pdf](http://www.co.monterey.ca.us/auditor/pdfs/County_Travel_Business_Expense_Policy_12-5-12.pdf)  
To receive reimbursement, CONTRACTOR must provide a detailed breakdown of authorized expenses, identifying what was expended and when.
4. CONTRACTOR will invoice monthly for payment of services provided and cost incurred, including actual hours worked by task and staff member, and costs incurred during the previous month.
5. CONTRACTOR warrants that the cost charged for services under the terms of this Agreement are not in excess of those charged any other client for the same services performed by the same individuals.

The specific rates of compensation specified in CONTRACTOR's Design Fee Estimate Worksheet are not adjustable and are valid through the expiration of the Agreement.

The total amount payable by COUNTY for work under this Amendment No. 5 to the Agreement shall be increased in the amount of \$74,297.00 for a total amount not to exceed \$1,039,087.69, unless authorized by COUNTY through an amendment to this Agreement. Should certain tasks not be performed in this Scope of Services, then the increased amount shall be reduced by the amount indicated for each task or portion of a task not performed.

**EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS**

**PROJECT SCHEDULE**

A milestone schedule appears below. CONTRACTOR expects that a more detailed Project Schedule shall be utilized during design. The durations shown do not reflect review time by the COUNTY or affected agencies.

Milestone	Number of Working Days from Notice to Proceed (NTP)
Unchecked Details	35
Draft PS&E	65

EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

174373 10-Nov-15  
 0.0% 10:41:05 AM  
 0%

Project: 087215  
 Increase:  
 Sub administration:

087215

Date:

TRC ENGINEERS  
 DESIGN FEE ESTIMATE WORKSHEET

County of Monterey  
 Castroville Bicycle/Pedestrian Path & Railroad Crossing Project  
 Amendment No. 5 - Phase II Additional Services

Expenses Description	Amount
Travel	
Airfare (round trips)	\$0
Mileage	\$400
Lodging	\$0
Per Diem	\$68
Car Rental	\$0
Misc.	\$50
Travel Subtotal	\$518
Other Direct Costs	\$273
Subconsultants Admin. Costs	\$0
ODC Subtotal	\$273
<b>Total</b>	<b>\$791</b>

Subconsultants Name	Amount
Parikh	\$2,373
<b>Total</b>	<b>\$2,373</b>

Total Fee Estimate	
Labor	\$71,133
Subconsultants	\$2,373
Expenses	\$781
<b>Total</b>	<b>\$74,287</b>

# EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Phase #	Phase Description	LABOR														Total Hours	Total \$	Phases Subtotals Hrs \$	% of Total	
		Senior Project Specialist	Project Manager	Project Engineer	Senior Engineer	Engineer II	Engineer I	CADD Supervisor	CADD Technician	Desktop Publisher	Administrative Assistant	Total								
		Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	Hours	\$							
2	Final Design Supplemental Tasks					16											0	0	0%	
2.B.8	Approach Structure			4		24											62	7345	0%	
2.C.2	Structure Design			4		48											74	9805	0%	
2.C.3	Structure Design Check			2		32											42	4985	0%	
2.E.1	Specifications			6		8											50	7515	0%	
2.E.2	Cost Estimate			4		4				16							40	4830	0%	
2.F	Quality Control			8		2											10	1830	0%	
2.G	Draft PS&E Submittal			4		8				8							4	38	4965	0%
2.J	Project Management			12		4											4	25	4185	0%
2.K	Geotechnical			1		4											5	853	0%	
2.O	Waterline and Sewerline Encroachment Design			4		2				6							22	2845	0%	
2.Q	AT&T Ductbank Avoidance			12		8				8							56	12180	0%	
2.R	Saltwater Intrusion Pipeline Avoidance			12		8				12							70	9285	100%	
Totals Page 1				53		62				148							535	71133	100%	
Rate		0	160.0	202.5	162.5	145.0	115.0	115.0	145.0	90.0	127.5	80.0	4480	72.5	77.5	0	535	71133	hours ok	
% of Total Hours/Classification		0%	12%	12%	27%	25%	9%	4%	10%	1%	1%	100%	1%	1%	1%	100%	71133	\$ ok		

County of Monterey  
Castroville Bicycle/Pedestrian Path & Railroad Crossing Project  
Amendment No. 5 - Phase II Additional Services

TRC ENGINEERS  
DESIGN FEE ESTIMATE WORKSHEET  
2015

Date: 08/12/15  
Start Date: 07/22/15  
End Date: 03/21/2015

Project: 174873  
Increase: Sub-admin: N/A

**EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS**

**Attachment 1**

**DELIVERABLES LIST**

**PHASE 2**

<b>Deliverable</b>	<b>Task</b>
Approach Structure/Retaining Wall Plans	2.B.8
Structure Plans	2.C
Special Provisions	2.E
Quantities and Estimate	2.E
Quality Assurance Documentation	2.F
Constructability Reviews	2.F
Draft PS&E	2.G
Meeting Minutes, Conversation Confirmers	2.J
Client/Agency Review Comment Responses	Var.
Sewerline Accommodation Memo and Exhibit	2.O
AT&T Accommodation Memo and Exhibit	2.Q
MCWRA Accommodation Memo and Exhibit	2.R
Potholing Exhibits	2.O, 2.Q, 2.R



EXHIBIT A-4 – SCOPE OF SERVICES/PAYMENT PROVISIONS

Attachment 2

PLAN SHEET LIST (to be modified)

Sheet Prepared by Firm

Sheet Number	Caltrans Sheet Designation	Sheet Title	TRC	Peters	Parkh. Other	Task No	Included in Preliminary Submittal	Included in 65% Submittal
53	B	General Plan No. 2	1			2.C	1	1
56	B	Foundation Plan	1			2.C		1
57	B	Abutment 1 Layout	1			2.C		1
59	B	Abutment Details	1			2.C		1
74	R	Approach Structure Layout No. 1	1			2.B,8,2.D,2.G, 2.1	1	1
75	R	Approach Structure Layout No. 2	1			2.B,8,2.D,2.G, 2.1		1
76	R	Approach Structure Details	1			2.B,8,2.D,2.G, 2.1		1