

WORK ORDER
PURSUANT TO AN AGREEMENT BETWEEN
THE CITY OF FORT COLLINS
AND
AECOM

DATED: October 1, 2015

Work Order Number: AECOM – 400904300 - 17

Purchase Order Number:

Project Title: Vine / Lemay / BNSF

Original Bid/RFP Project Number & Name: 8134 Vine / Lemay / BNSF Contract

Commencement Date: October 18, 2017

Completion Date: May 1, 2018

Maximum Fee: (time and reimbursable direct costs): Not to Exceed \$636,410.00

Project Description: Preliminary Design for realigned Lemay Avenue and Suniga Road, including Environmental, Geotechnical, Public Outreach and Bridge Design. The "Work" will be completed through the 8134 Design Contract.

Scope of Services: See Attached

Professional agrees to perform the services identified above and on the attached forms in accordance with the terms and conditions contained herein and in the Professional Services Agreement between the parties. In the event of a conflict between or ambiguity in the terms of the Professional Services Agreement and this work order (including the attached forms) the Professional Services Agreement shall control.

The attached forms consisting of Sixteen (16) pages are hereby accepted and incorporated herein, by this reference, and Notice to Proceed is hereby given.

Professional



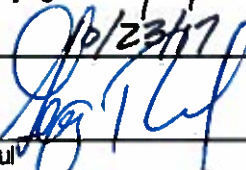
By: _____

Date 10/23/17

City of Fort Collins

By: 
Project Manager

Date: 10/23/17

By: 
Gerry Paul
Director of Purchasing and Risk Management
(over \$60,000.00)

Date: 10/24/17

WO #3
Scope of Work
8134 Vine & Lemay BNSF Improvements – 60% Design

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INTRODUCTION

The tasks associated with this task order include:

- Project Management
- Public Outreach
- Environmental investigations
- Engineering design
- Structure Design
- Grant Support

A. PROJECT INITIATION AND CONTINUING REQUIREMENTS

As part of the continuing requirements, AECOM will perform the following:

1. **Progress Meetings.** The City's Project Manager and the AECOM Project Manager will be responsible for the day-to-day management of the Scope of Work. Specifically, the Project Managers will meet bi-weekly to cover the following:
 - Activities completed since the last meeting
 - Review of outstanding/late activities
 - Activities to be completed by the next meeting
 - Solutions proposed for unresolved and/or anticipated issues
 - Task order financial status and invoicing

Progress meetings will generally be conducted as conference-calls, however occasionally it may be coordinated that in-person meetings can be achieved. A total of 12 (1-hour) progress meetings are included in this scope. It is assumed 4 meetings will be in the City's office and the remainder will be conference calls.

The consultant will provide monthly invoices to the City Project Manager stating progress on the project tasks and highlighting any issues of concern.

Deliverables:

- Progress Meeting Minutes
 - Monthly invoices
2. **Project Management.** The Consultant will coordinate the work tasks being accomplished by the entire AECOM Project Team to ensure project work completion stages are on schedule. Project staffing and assigning of tasks, scheduling and invoicing are included within this task.

B. PUBLIC OUTREACH AND STAKEHOLDER COORDINATION

1. **Exhibits.** Major design considerations will be visually presented in a series of maps to help stakeholders and public understand them better. Exhibits will include landscape visuals.
- a. **Public Outreach Exhibits (Landscape Design)**
 - i. Context Plan
 - ii. Context Photograph Analysis
 - iii. Context Analysis Diagram
 - iv. Landscape Illustrative Plan
 - v. Landscape Sections
 - vi. Landscape Planting Palette
 - vii. Landscape Wall Design
 - viii. Rendered Views – Building off of the model developed in Work Order 2, the team will develop two additional ground-level perspective views
2. **Public Involvement.** AECOM will support the following outreach activities as part of this scope of work:
- a) **Public Meeting.** One (1) public meeting: One focused on review of the preferred option with detail on bridge design and aesthetics. The AECOM team will develop exhibits and presentations needed to portray the alternative concepts and analysis results for public meetings. These exhibits will include large-scale printing, presentation boards, and other visual aids to help the public have a better understanding of the alternative concepts. The presentation will include a brief Power Point slide briefing that will complement the presentation boards. Outreach efforts for advertising the public meeting will include a postcard mailer, City of Fort Collins webpage announcement, and newspaper press release. The postcard mailer will include both tenants and owners to ensure comprehensive outreach to low income and/or minority populations. Language translation is not assumed in this scope of work. Meeting materials will include sign-in sheets, comment forms, and project summary handouts.
 - b) **Small group meeting.** AECOM will support the City with one small group meeting with the Andersonville neighborhood to discuss the preferred design option as well as potential impacts.
 - c) **Council work session.** Support and attend 1 council work session
 - d) **BNSF design coordination meetings.** Our sub-consultant, Railroad Coordination, LLC will coordinate (1) technical meeting with the BNSF representatives to discuss the project status and (1) on-site meeting with PUC and BNSF to confirm the proposed design. See attached scope for additional information.

DELIVERABLES:

- Public meeting PowerPoint presentation, boards and handouts
- Renderings/visualizations of the design for public display
- Website update content
- Media press release content
- Postcard announcements (in advance of meetings) – assume 2
- Meeting summaries

C. ENVIRONMENTAL AND ENGINEERING DESIGN

As part of engineering design, AECOM will perform the following activities:

1. **Survey.** This task will be performed by the City and the following information will be provided to AECOM:
 - a. Comprehensive topographic survey (to include utilities and existing right-of-way) of the project site
 - b. 3D existing ground surface
2. **Environmental.** The following resources will be evaluated for impacts, assuming the bridge realignment option as the preferred design. Findings will be summarized in a technical report. The level of analysis assumes compliance with federal NEPA procedures.
 - a. **Noise:** AECOM will evaluate the potential operational noise impacts caused by a single alternative of the proposed Vine Lemay overpass and associated roadway network, bicycle, pedestrian and other improvements on existing sensitive receptors (residences, parks, historic sites, churches, etc.) near the proposed improvement. To increase defensibility and applicability to potential future regulatory review, analyses conducted will conform to CDOT Noise Analysis and Abatement Guidelines; however, due to the early stage of the project and focus on public engagement, not all analyses prescribed in the CDOT Guidance will be conducted. To limit the scope of the analysis, it will focus on the neighborhoods directly adjacent to the current Lemay/Vine intersection (Andersonville and Alta Vista neighborhoods). The newer uses (residential and commercial) located at Lemay and Lincoln and Conifer and Lemay will not be considered. Due to the early stage of the project and the temporary nature of the impacts, an evaluation of the construction noise will not be considered. This analysis will address potential noise sources and the duration and magnitude of noise generation at the source and receptors relative to applicable City of Fort Collins noise regulations and CDOT policy. The operational noise analysis will include several noise measurements to establish existing noise levels that serve as a baseline condition relative to anticipated future traffic conditions and up to five key sensitive receptor sites. This will require development and application of a site-specific noise model using the FHWA TNM noise model that allows for comparison along existing Vine and Lemay to future conditions on existing Vine, existing Lemay, and realigned Lemay. The model results will also allow comparison of anticipated noise levels to applicable noise impact and mitigation standards. The work will include a quantitative characterization of railroad noise considering before and after

railroad operations. The work will include identification of conceptual noise mitigation and calculation of noise level reduction that could be achieved from reasonable and feasible mitigation measures. The work and results will be described in a publicly accessible summary with a technical report as an attachment.

- b. **Visual Quality/Aesthetics:** AECOM will characterize the existing visual and aesthetic qualities of the project area with photos and written descriptions and evaluate how the proposed Vine Lemay overpass and associated roadway network, bicycle, pedestrian and other improvements will change existing qualities. The evaluation will address how the elevated new alignment of Vine above nearby residential properties would influence neighborhood views, visual character and aesthetics. The potential for lost privacy and increased light will be addressed. Visual effects from increasing development on currently undeveloped properties will be addressed as a cumulative effect in the area. Changes to existing Vine and Lemay through traffic diversion to the new Lemay alignment will be described along with possible visual enhances that are likely to be included in the project design based on City of Fort Collins design standard.
- c. **Wetlands and Waters of the U.S.:** AECOM will update the Wetland Delineation Report prepared for the project under Work Order 2 to reflect new impacts based on 60% design. Staff will identify potential mitigation for impacts to Wetlands and Waters of the U.S. present within the project area in coordination with the adjacent NECCO project and USACE. On-going coordination with the design team will occur for impacts to wetlands, Waters of the US and floodplains.

AECOM will coordinate with USACE on the Wetland Delineation Report, jurisdictional determination, mitigation, and the 404 permit (assumed to be a nationwide permit). Work Order 3 includes correspondence and a site visit with the USACE on jurisdictional determination, mitigation and permitting needs at the 60% level. Reports and permits will be finalized in a subsequent Work Order and at 100% design.

- d. **ESA Compliance:** AECOM will assist in obtaining Endangered Species Act (ESA) compliance from the USFWS as required for the Conditional Letter of Map Revision (CLOMR) for Dry Creek. FEMA requires ESA compliance before a CLOMR can be issued for Dry Creek. Documentation will be sent to the USFWS so that a compliance letter can be issued.

Deliverables:

- Technical Report summarizing analysis and impacts for the resources described above, as well as environmental analyses completed per previous task orders (wetlands, threatened and endangered species).
3. **Roadway Engineering.** AECOM will perform various roadway engineering tasks. The goal of this work order is to develop the design to approximately a 60% level. Engineering design is assumed for the preferred alternative that is selected and confirmed by the City.

This effort includes:

- a. Data Collection and Research. Involves collection of as-builts for existing storm sewer, waterlines, sanitary sewers and dry utilities including electric, telephone, cable and gas lines. Research of previous drainage and utility reports.
- b. Review of previous design efforts and adjacent developer plans (if provided by the City) to assure current projects do not create future conflicts with our design.
- c. Identify Design Criteria. Review and revise design criteria, and coordinate with City staff to gain consensus on the project elements.
- d. Preliminary design of horizontal and vertical alignments. This task includes alignment refinement to best-fit future project connections. Options to minimize or eliminate retaining walls will also be considered during design.
- e. Develop the typical section template based on current City Standards. Use this template for modeling and surface creation.
- f. Preliminary design of roadside grading and determination of toes-of-slope. Preliminary rough grading and earthwork quantities will be used for preliminary cost estimates.
- g. Exhibits and Plan Development. Roll plots and electronic 11x17 PDF's will be utilized for reviewing and coordinating design progress. Roadway plan sheets that will be created include:
 - o Cover Sheet
 - o General Notes – City of Fort Collins
 - o Construction Notes
 - o Removals Plan Sheets
 - o Median Detail Sheets
 - o Intersection Detail Sheets
 - o Driveway Detail Sheets
 - o Typical Street Sections
 - o Street Plan Sheets (Horizontal Alignment)
 - o Street and Curb Return Profile Sheets (Vertical Alignment)
 - o Grading, Drainage & Erosion Control Plan Sheets

4. Traffic Engineering.

- a. Continued CORSIM Modelling Analysis. AECOM will coordinate and participate in conference calls with the City to discuss the traffic analysis – including confirmation of data for the analysis as well as findings from the analysis.
- b. Sensitivity Analysis for the 2-Lane Overpass Scenario. For the 2-Lane Overpass scenario, AECOM will do a sensitivity analysis to estimate the time when 2-lane overpass reaches capacity. Reaching capacity is assumed to be when LOS F.

Traffic Operation Assumptions:

- The growth rate recommended (similar to 2025 and 2040 forecast) will also be used in the sensitivity analysis per the email received from the City.
 - Develop traffic volumes from 2020 to 2030 for both AM and PM peak hours (approximately 18 CORSIM models), not including the 2025 model set which has already been run and analyzed.
 - 30 runs per alternatives per peak hour
- c. At-Grade Queue Length Analysis for the 4-Lane At Grade Scenario (2025 and 2040), new Lemay BNSF crossing only. For the 4-Lane At Grade scenario, AECOM will

estimate the queue lengths at the new Lemay BNSF crossing for 15 minutes and 30 minutes train delay during the AM and PM peak hours.

- d. Documentation. Findings will be documented in a technical memorandum. AECOM will prepare appropriate narrative and graphics to document the analysis findings. This information will be submitted in a memorandum for review by the City of Fort Collins. Deliverables include a Draft and Final Memorandum (with Appendices).
- e. Design preparation efforts for the 60% traffic plans including: Signalization Plan (Lincoln, Buckingham, Suniga), Signing & Striping Plan Sheets, and Traffic Control Plans.

5. Hydrology/Hydraulic Engineering.

a. Hydrology

- i. Establish drainage basin data: delineate, determine size, waterway geometrics, vegetation cover, land use.
- ii. Collect historical data; research flood history and previous designs in the project proximity; and obtain data from other sources (e.g., Urban Drainage & Flood Control District, Colorado Water Conservation and local residents).
- iii. Select a storm frequency based on the established criteria.
- iv. Complete a hydrological analysis using existing studies or approved methods.

b. Hydraulics

- v. Accomplish the preliminary design of minor drainage structures: A) Determine location and crossing alignment. Identify channel centerline by highway station or coordinates, as appropriate. B) Determine the allowable headwater. C) Assess the degree of sediment and debris problems to be encountered, including abrasion and corrosion. D) Determine type, size, shape and material of the structures. E) Prepare preliminary structure cross-sections to determine the elevations, flow lines, slopes and lengths of the structures. Show the flow quantity on the sections. F) Complete the design computations. G) Determine high water level.
 - i. A water surface profile and complete hydraulic analysis is required for major structures. Determine the following: A) Water surface profile and hydraulic analysis; B) Required hydraulic size and skew of the bridge; C) Minimum low girder elevation using CDOT criteria; D) The design year frequency; E) The design year and 500 year high water elevations; F) Predicted total scour profile for design year and 500 year scour; and G) The channel erosion protection for structures.

c. Stormwater Management

- i. AECOM will produce Storm Water Management Plans (SWMP) consisting of construction activity erosion and sediment control plans in addition to development of plans and details for permanent storm water quality facilities. The SWMPs will be prepared in accordance with City of Ft. Collins storm water criteria manual with City supplements to the Urban Drainage and Flood Control District's storm drainage criteria manuals, Volumes 1 - 3. A SWMP narrative will not be included in the 60% SWMP plans.

- d. Preliminary Hydraulics Report. This task includes preparation of a preliminary hydrology and hydraulics report to include onsite and offsite runoff calculations, basin maps and floodplain maps in the attachments as follows:

- i. Hydrology analysis
 - ii. Minor structure hydraulic designs
 - iii. Major structure hydraulic designs
 - iv. Structure cross-sections
 - v. Appendix:
 - i. Floodplain maps
 - ii. Drainage basin maps
 - iii. Hydrology/hydraulic worksheets
 - e. Major drainage crossings. The Dry Creek CBC will be analyzed by ICON Engineering per City requirements. The analysis will include documentation of floodplain impacts including preparation of a CLOMR for City and FEMA approval of Dry Creek improvements. AECOM will complete review of ICON recommendations.
- 6. **Utility Coordination**
 - a. Conduct field reviews and utility investigations with the City Utility Engineer and Utility companies, as required, to ensure correct horizontal and vertical utility data. When possible this will be done utilizing non-destructive investigative techniques. The horizontal and vertical locations will be shown in the FIR plans and cross sections. Potholing is not included in the 60% plans.
 - b. Incorporate utility locations in plans from utility survey
Note: Recommendations and utility relocation agreements are not included in 60% plans.
- 7. **Landscape/Urban Design - 60% Design Set (Design Development)**
 - a. Design and Estimate support
 - i. Visual Analysis relative to views from adjacent land uses; cross sections and up to three 3D visualizations.
 - ii. Lighting impacts from the elevated structure with a photometric study from the EE for light spill to neighborhood and visible light sources
 - iii. Schematic 60% plan drawings including:
 - Landscape Notes, Abbreviations, and Legends
 - Materials Plan
 - Layout Plan
 - Soils Plan
 - Planting Plan
 - Irrigation Plan
 - Wall Elevations
 - Wall Details
 - Planting Details
 - Irrigation Details
 - Outline Specifications
 - b. Page-Turn with City and Comment Revisions
- 8. **Major Structure Design.** Utilizing the results of the Public Engagement Process, the design team will develop a Technical Memorandum for the Lemay Avenue Bridge crossing Vine Drive and BNSF and the Bridge Approach Walls. This memo will be a brief two or three-page memorandum that summarizes the preliminary design requirements.
 - a. Design Coordination. AECOM will review and use previously collected data to complete the preliminary design.
 - i. Obtain the structure site data. The following data, as applicable, shall be

- collected): Typical roadway section, roadway plan and profile sheets showing all alignment data, railroad section, railway plan and profile, topography, utilities, preliminary design plan, right-of-way restrictions, and geology information.
- ii. Design Criteria. AECOM will review available design criteria to be used for the initial design. The criteria will be based upon the information contained in the Larimer County Urban Area Street Standards, the BNSF Railway Guidelines for Railroad Grade Separation Project, the CDOT Bridge Design Manual, and AASHTO LRFD.
- b. Major Structure Type Study. One memorandum will document and obtain approval for the preliminary design recommendations of the Lemay Avenue Bridge over Vine Drive and BNSF and the preliminary design layout for Bridge Approach Walls. By means of the structure general layout, with supporting drawings, tables, and discussion, AECOM will provide for the following:
- i. Summarize the structure site data used to select and layout the type alternatives. Include the following:
 - 1. Project site plan including Right-of-Way
 - 2. Roadway and Railway vertical and horizontal alignments and cross sections at the structure.
 - 3. Construction phasing – Not included. Future work order.
 - 4. Utilities on, below, and adjacent to the structure.
 - ii. Review the structure site data to determine the requirements that will control the structure size, layout, and type.
 - iii. Determine and discuss the structure length, width, depth and span configuration satisfying all horizontal and vertical clearance criteria. One single span layout will be considered, spanning Vine Drive and BNSF. For walls, determine one wall alignment considering a single face wall layout.
 - iv. Perform preliminary design in accordance with the CDOT Bridge Manual with the following superstructure types: precast BT girders and prestressed box girders. For walls, determine the required wall square foot requirements to support the preliminary grading design considering MSE precast panel and CIP cantilevered retaining walls. No additional wall layouts or wall type study evaluations will be considered.
 - v. Compute initial quantities and cost estimates using designed bridge and wall square foot quantities.
 - vi. Summarize the results from the technical memorandum and present it to the City of Fort Collins. The memorandum should include the preliminary design criteria, recommended bridge lengths, and bridge and wall recommendation for the final recommended structures.
 - vii. Bridge plan sheets required for the preliminary design include: general notes, plan, and elevation sheets. Wall plan sheets required include the general notes, plan and elevation sheets.
9. Minor Structure Design. Based upon the results of the Dry Creek floodplain hydraulics design, the design team will prepare a brief memorandum to document the selection of the Dry Creek CBC. The memo will investigate preliminary costs of (2) concrete alternative structure types and report the results. Cost estimates will use a unit cost/square foot approach to evaluate the structure cost requirements. This effort also includes the development of a preliminary plan, elevation and typical section sheet for the CBC structure.

- 10. BNSF Railroad Design Coordination and Submittal Packages.** Based upon the results of the Site Diagnostic Meeting and Conceptual Design efforts, the team will review, develop and submit:
- a. Conceptual Design Submittal Package to BNSF Railroad and;
 - b. Preliminary Design Submittal Packages to BNSF RR in accordance with the 2016 BSNF/UPRR Railroad Grade Separation Design Guidelines. The report will be reviewed by the City and our RR design consultant, Railroad Coordination LLC, prior to submittal.

Note that coordination, review and oversight by AECOM's sub-consultant, Railroad Coordination will be part of this work. Refer to the attached scope of work for additional information.

11. Preparation for the 60% design review:

- a. Coordinate, complete, and compile the plans. The plan set will include:

Title Sheet n Typical Sections n Roadway Plan and Profile n Bridge General Layout n Preliminary Wall General Layout | CBC General Layout

The plan/profile sheets will include the following: all existing topography, survey alignments, projected alignments, profile grades, ground line, existing ROW, rough structure notes, and existing utility locations. Typical plan sheet scales will be as follows: Plan and Profile - 1 Inch = 40 Feet.

- b. Prepare the 60% cost estimate based on the major items included in the design using CDOT cost items.
- c. Submit the plans to the City electronically for a preliminary review 2 weeks prior to the preliminary design review meeting.

12. Design Review:

- a. Attend the Design Review Meeting.
- b. Design decisions concerning questions raised at the review meeting will be resolved in cooperation with the City PM. The PM shall document the decision and transmit the documentation to the City PM for approval. AECOM will develop a comment resolution tracking sheet for tracking responses and results.

- 13. Early Dry Creek CBC Design Package.** AECOM will assemble a construction package for Dry Creek CBC. This effort will be coordinated by the City of Fort Collins/PM and is tentatively scheduled for an early Spring 2018 construction. General work includes the embankment and Dry Creek grading, CBC construction and water quality requirements. Construction advertisement package includes the following plan sheets: title, general notes, summary of quantities, grading, stormwater quality, and CBC construction. AECOM will also develop the technical project special provisions that address the construction requirements. Development of the general project provisions will be by the City of Fort Collins/PM.

City of Fort Collins
8134 Vine & Lemay BNSF Improvements
WO #3
October 14th, 2017



D. GRANT SUPPORT

1. Miscellaneous Grant Support: Support research into relevant federal grants with support to an application if applicable to the project.

E. EXCLUSIONS

The following are not included in this scope and their inclusion is subject to a change in scope, schedule and/or fee: Value Engineering studies, survey, utility design for other stakeholders, specifications, and right of way plans. These services will be provided under a separate task order as applicable. Environmental assumes FHWA/CDOT requirements are not applicable.

END OF SCOPE OF WORK

Vine/Lemay Work Order 3 - Anticipated Schedule 10/16/2017

Assume 6-Month Duration for Work Order 3

<u>Task</u>	<u># Days</u>
Design:	
11/1/2017 Notice to Proceed and Initiate 60% Design	120
3/1/2018 60% Design Review with City	30
11/1/2017 Hydraulics Analysis	120
3/1/2018 Preliminary Hydraulics Report Submittal - City Review	30
11/15/2017 CBC Structure Type Memo	30
11/15/2017 Major Structure Type Study	75
Early Action Dry Creek CLOMR:	
11/1/2017 Dry Creek CBC Analysis (by ICON) & AECOM CBC Structure Type Memo	15
11/15/2017 Meet with USFWS to confirm ESA Compliance - USFWS sends a letter of concurrence	1
1/15/2018 USFWS letter received (this satisfies ESA compliance)	1
11/15/2017 City review of CLOMR and ICON incorporation of edits	60
1/17/2018 CLOMR Submittal to FEMA	150
6/17/2018 CLOMR Signed	1
BNSF Railroad Design Coordination:	
12/15/2017 Site Diagnostic Meeting	1
12/15/2017 Letter to BNSF concerning City willingness to fund review	1
12/1/2017 Conceptual Design Submittal Package to BNSF	1
2/1/2018 Preliminary Design Submittal Package to BNSF	1
Environmental:	
11/1/2017 Finalize Traffic Analysis with City	30
12/1/2017 Launch Noise Analysis	45
11/15/2017 Visual Analysis	60
4/1/2018 Compile all into Environmental Technical Report and submit to City	30
Outreach:	
11/1/2017 Council Presentation	1
11/15/2017 Council Finance Committee	1
4/1/2018 Public Meeting (Best Estimate, Not Yet Certain)	1



PI Estimate – Vine and Lemay – For Work Order 3

Personnel Costs	Estimated Hours	Hourly Rate	Total Cost
Coordinate Stage 2 public meeting (materials development – sign-in, comment card, mailer/meeting announcements)	12	\$215	\$2,580
Graphic Design of meeting materials	3	\$90	\$270
Summary of meeting stage 2 meeting	5	\$121	\$605
Meetings/coordination of AECOM Team	6	\$215	\$1,290
Subtotal personnel costs			\$4,745



Hard Costs Mileage	Units 600	Price/Unit 0.535	Total Cost \$321
Subtotal for hard costs			\$321
Total PI Costs			\$5066

FEE ESTIMATE: Railroad Coordination, LLC for Ft. Collins Vine-Lemay Streets

Preliminary Engineering Only

August 30, 2017

		Railroad Coordination, LLC				Proposal Totals	
TASK NO.	TASK	DRIR Project Mgr	RRC Accounting	Hours	Fee	TOTAL HOURS	TOTAL FEE
		\$ 195.00	\$ 75.00				
Task 1	Project Management and Coordination						
a.	AECOM Project Monthly Project Meetings in Denver - September 2017 - February 2018	16		16	\$ 3,120.00	16	\$ 3,120.00
b.	Technical Meetings with AECOM for Railroad Submittals; Preliminary, 30% and Final Submittals	8		8	\$ 1,560.00	8	\$ 1,560.00
c.	Technical Meeting with BNSF Amber Stoffels	2		2	\$ 390.00	2	\$ 390.00
d.	Final on-site meeting with Colorado PUC Representative at both Vine and Lemay	6		6	\$ 1,170.00	6	\$ 1,170.00
e.				0		0	
f.				0		0	
g.				0		0	
h.				0		0	
i.				0		0	
	Subtotal Hours	32	0	32	\$ 6,240.00	32	\$ 6,240.00
Task 2	Delta Collection						
a.	DOT Inventory Sheets with revised information for the City to file with the FRA and PUC	2		2	\$ 390.00	2	\$ 390.00
b.				0		0	
c.				0		0	
d.				0		0	
e.				0		0	
f.				0		0	
	Subtotal Hours	2		2	\$ 390.00	2	\$ 390.00
Task 3	Accounting & Travel expenses						
a.	Project Setup and Monthly Invoicing		8		\$ 160.50		\$ 160.50
b.	Fed. Mileage. If a trip to Ft. Collins is required for City or PUC on-site meetings @ \$0.51.5 mi.	34		34	\$ 600.00	34	\$ 600.00
	Subtotal Hours		8	34	\$ 6,630.00	34	\$ 6,630.00
	Total Labor and Expenses	34	8	42	\$ 7,390.50	42	\$ 7,390.50

