



**San Gabriel Valley Council of Governments**  
**SPECIAL AGENDA AND NOTICE OF THE MEETING**  
**OF THE CAPITAL PROJECTS AND CONSTRUCTION COMMITTEE**  
**Monday, June 22, 2020 – 12:00PM**  
**Teleconference Meeting**  
**Livestream is available at: [theaceproject.org](http://theaceproject.org)**

The SGVCOG's Capital Project and Construction Committee consists of five (5) regional districts; Northeast, Southeast, Central, Southwest, Northwest, the County of Los Angeles and the San Gabriel Valley Council of Governments. Members of the former Alameda Corridor-East Construction Authority (ACE) Board shall maintain a seat on the Committee unless or until completion of all ACE Project(s) in their respective cities. Each member or alternate shall have one vote. A quorum is 50% of its membership. Action taken by the Committee shall be by simple majority of the members present. All disclosable public records related to this meeting are available at [www.theaceproject.org](http://www.theaceproject.org) and viewing at the Rivergrade Road office during normal business hours.

**MEETINGS:** *Regular Meetings of the Capital Projects Construction Committee are held the fourth Monday of every month at 12:00 PM at the West Covina City Hall, 1444 West Garvey Avenue, MRC Room 314, West Covina, CA 91791.* The Capital Projects Construction Committee agenda packet is available at the ACE Project office, 4900 Rivergrade Road, Suite A120, Irwindale, CA 91706 and on the website, [www.theaceproject.org](http://www.theaceproject.org). Copies are available via email upon request ([ahanson@sgvcog.org](mailto:ahanson@sgvcog.org)). Documents distributed to a majority of the Board after the posting will be available for review in the ACE Project office and on the ACE Project website. Your attendance at this public meeting may result in the recording of your voice.

**PUBLIC PARTICIPATION:** Members of the public may comment on any item on the agenda at the time it is taken up by the Committee. We ask that members of the public come forward to be recognized by the Chair and keep their remarks brief. If several persons wish to address the Committee on a single item, the Chair may impose a three-minute time limit on individual remarks at the beginning of the discussion. Persons addressing the Committee are to refrain from making personal, slanderous, profane or disruptive remarks.

**TO ADDRESS THE COMMITTEE:** At a regular meeting, the public may comment on any matter within the jurisdiction of the Committee during the public comment period and may also comment on any agenda item at the time it is discussed. At a special meeting, the public may only comment on items that are on the agenda. Members of the public wishing to speak are asked to complete a comment card or simply rise to be recognized when the Chair asks for public comments to speak. We ask that members of the public state their name for the record and keep their remarks brief. If several persons wish to address the Board on a single item, the Chair may impose a time limit on individual remarks at the beginning of discussion. **The Committee may not discuss or vote on items not on the agenda.**

**AGENDA ITEMS:** The Agenda contains the regular order of business of the Committee. Items on the Agenda have generally been reviewed and investigated by staff in advance of the meeting so that the Committee can be fully informed about a matter before making its decision.

**\* MEETING MODIFICATIONS DUE TO THE STATE AND LOCAL STATE OF EMERGENCY RESULTING FROM THE THREAT OF COVID-19:** On March 17, 2020, Governor Gavin Newsom issued Executive Order N-29-20 authorizing a local legislative body to hold public meetings via teleconferencing and allows for members of the public to observe and address the meeting telephonically or electronically to promote social distancing due to the state and local State of Emergency resulting from the threat of the Novel Coronavirus (COVID-19).



In compliance with the Americans with Disabilities Act, if you need special assistance to participate in this meeting, please contact the SGVCOG office at (626) 457-1800. Notification 48 hours prior to the meeting will enable the SGVCOG to make reasonable arrangement to ensure accessibility to this meeting.



To follow the new Order issued by the Governor and ensure the safety of Board Members and staff for the purpose of limiting the risk of COVID-19, in-person public participation at the Special Capital Projects and Construction Committee meeting scheduled for June 1, 2020 at 12:00PM will be not be allowed. Members of the public may view the meeting live on the ACE Project website. To access the meeting video, log onto [www.theaceproject.org](http://www.theaceproject.org), click on the Committee tab at the top of the homepage, then click on the text in the May meeting links and follow the prompts to watch the meeting live.

Public comments can be submitted electronically by emailing [dstanley@sgvcog.org](mailto:dstanley@sgvcog.org) at least one (1) hour prior to the scheduled meeting time. Emailed public comments will be read into the record. If you wish to comment on a specific agenda item, please identify the item in your email. General public comments will be addressed during the general public comment item on the agenda

Any member of the public requiring a reasonable accommodation to participate in this meeting should contact Deanna Stanley at least 48 hours prior to the meeting at [dstanley@sgvcog.org](mailto:dstanley@sgvcog.org).

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- I. Pledge of Allegiance
  - II. Roll Call and Instructions
  - III. Public Comment
  - IV. Approval of Capital Projects and Construction Committee Meeting Minutes of June 1, 2020 (*action: [pages 1 – 3](#)*)
  - V. Chairman’s Remarks
  - VI. Member Comments
  - VII. Chief Engineers Monthly Report (*information: [pages 4 – 5](#)*)
  - VIII. Project Progress Reports
  - IX. Approval of Revision to Task Order No. 3 with Moffatt & Nichol for Final Design of the Montebello Corridor Grade Separation Project (*action: [pages 6 – 44](#)*)
  - X. Approval to Receive and Federal Legislative Update and Provide Direction to Staff (*action: [pages 45 – 47](#)*)
  - XI. The Committee will adjourn to closed session in accordance with Government Code Section 54956.9 to discuss:  
Conference with legal counsel regarding existing litigation:  
San Gabriel Valley Council of Governments v. Lawrence Young, etc., et al.: Los Angeles Sup. Court Case No. BC647307 [Consolidated with Case No. BC681571]  
And  
Conference with legal counsel to discuss potential litigation (one case)
  - XII. Adjournment (*action*)





## SGVCOG Capital Projects & Construction Committee Unapproved Minutes June 1, 2020

**Call to Order:** Chairman Sandoval called the meeting of the San Gabriel Valley Capital Projects and Construction Committee to order remotely via Zoom and livestreamed via YouTube on June 1, 2020 at 12:08 p.m.

**1. Pledge of Allegiance** – Tim Sandoval led the pledge of allegiance.

### **2. Roll Call**

**Present:**

Tim Sandoval, Chair, Pomona	Cory Moss, Industry
Nancy Lyons, Vice Chair, Diamond Bar	Becky Shevlin, Monrovia
Jack Hadjinian, Montebello	Hilda Solis, LA County
Tim Hepburn, LaVerne	Cynthia Sternquist, SGVCOG
Diana Mahmud, So. Pasadena	Jerry Velasco, El Monte

**Staff:**

Mark Christoffels, Chief Engineer  
David DeBerry, legal counsel, Woodruff, Spradlin & Smart  
Deanna Stanley, Administrative Services Manager  
Amy Gilbert, Senior Administrative Assistant  
Memo Ponce, Contracts Manager  
Rene Coronel, Project Manager

- 3. Public Comment** – Mr. Christoffels announced that the link to submit public comments remains on the agency’s website and no public comments were received for this meeting.
- 4. Approval of minutes of April 27, 2020** – A motion was made by H. Solis and seconded by J. Hadjinian to approve the minutes of April 27, 2020.
- 5. Chairman Remarks** – T. Sandoval spoke on the recent concerns many cities are facing surrounding the death of George Floyd and expressed gratitude to Supervisor Solis for the hard work and tremendous tasks she and her staff have faced during this time. Member Sandoval expressed his appreciation to the Committee and their respective cities supporting the County.
- 6. Member Comments** – H. Solis announced she introduced a motion, which was approved by the Metro Board to transfer funding to the SGVCOG ACE project to conduct a San Gabriel Valley Transit Feasibility study. These funds replace former the SR60 alternative project that did not move forward. The feasibility study will identify new mobility options for the SR60 corridor and allow the money to remain in the San Gabriel Valley. There were no other comments.

- 7. Chief Engineer’s Monthly Report** – Mr. Christoffels thanked Supervisor Solis on her efforts on the San Gabriel Transit Feasibility study. He stated he looks forward to getting a consultant on board and getting started on this project. Mr. Christoffels indicated as a result of COVID19 the SB1 gas tax funding, project schedules for the Montebello Corridor and Turnbull Canyon have been affected, because of obvious cash flow issues. He stated the projects have not lost funding, but schedule changes are necessary at this time. Mr. Christoffels reported that Committee elections will be pushed to September, therefore the Chair and Vice Chair will remain the same until that time. Lastly, Mr. Christoffels introduced two new employees, Rene Coronel as the agency’s newest Project Manager and Memo Ponce as the new Contracts Manager.
- 8. Project Progress Reports** – Mr. Christoffels reviewed progress photos for the Durfee Avenue and Fairway Drive grade separation projects. Mr. Christoffels reported that work at the Fullerton Road grade separation project has been suspended as a result of a claim filed against the agency by the construction contractor and legal counsel was working with staff to determine the best course of action to resolve this issue.
- 9. Approval of Annual Task Orders and Amendments for Support Services for the Remaining ACE Projects from July 1, 2020 through June 30, 2021** – Mr. Christoffels reminded the Committee that as a part of the annual budget process the capital project team develops budgets based on anticipate schedules and tasks. The overall capital program budget was approved by the Governing Board but the tasks, amendments and applicable budget amounts, reflected in the staff report required the Committee’s approval.

A motion was made by H. Solis and seconded by J. Hadjinian to approve the annual task orders and amendments for support services as outlined on pages 7 through 192 in the agenda.

Ayes: Lyons, Hadjinian, Hepburn, Mahmud, Moss, Sandoval, Shevlin, Solis, Sternquist, Velasco

Nays: None      Abstain: None

- 10. Approval of Revised Task Order No. 2 with HNTB Corporation for Final Design of the Turnbull Canyon Road Grade Separation Project** – Mr. Christoffels reported the Turnbull Canyon Road project was entering final design and as part of design third parties may submit changes necessary for constructability. The County of Los Angeles informed staff that the regional water board required a design change for the reconstruction of an underground storm drain and the inclusion of storm water filtration devices. He indicated these design changes will result in an increase of \$348,869 to the existing task order.

A motion was made by H. Solis and seconded by N. Lyons to approve the Chief Engineer to execute an amendment to the Design and Engineering Services contract with HNTB Corporation and issue a revision to Task Order No. 2 for a not-to-exceed amount of \$348,869 for a new Task Order 2 contract value of \$5,503,505 to complete Phase 2 for the Turnbull Canyon Road grade separation project.

Ayes: Lyons, Hadjinian, Hepburn, Mahmud, Moss, Sandoval, Shevlin, Solis, Sternquist, Velasco.

Nays: None      Abstain: None

**11. Approval to Receive and File Quarterly Project Progress Reports and Quarterly Mitigation Monitoring Reports** – Mr. Christoffels reviewed the progress reports and quarterly mitigation monitoring reports. He reported Durfee Avenue is anticipated to be complete six months ahead of schedule; Fairway Drive construction 55% complete anticipated to be complete in June 2023; Fullerton Road at 35% complete is on hold, Montebello grade separation experienced a six month delay due to funding. He indicated overall the AE Program has a shortfall of \$52.8M but staff anticipates an undetermined amount in UPRR contributions, property sales and other grant funding that will help reduce the shortfall amount.

A motion was made by J. Hadjinian and seconded by H. Solis to receive and file the quarterly project progress reports and quarterly mitigation monitoring reports.

Ayes: Lyons, Hadjinian, Hepburn, Mahmud, Moss, Sandoval, Shevlin, Solis, Sternquist, Velasco

Nays: None      Abstain: None

**12. Adjournment** – The meeting was adjourned at 12:57PM. The next meeting will be held on June 22, 2020.

X 

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Deanna Stanley  
Clerk of the Committee



4900 Rivergrade Rd. Ste. A120 Irwindale, CA 91706 (626) 962-9292 fax (626) 962-3552 www.theaceproject.org



Memo to: Capital Projects and Construction Committee Members & Alternates  
 From: Mark Christoffels, Chief Engineer  
 Date: June 22, 2020  
 SUBJECT: Chief Engineer's Monthly Report

The following are items of note since the last meeting:

**SB 1 Funding** – The California Transportation Commission will consider a staff recommendation at its June 24 meeting to postpone until 2021 the allocation deadline for \$29 million in SB 1 Trade Corridor Enhancement Program (TCEP) funds for construction of the Turnbull Canyon Road project. The allocation deadline was otherwise set for this month and the time extension was requested due to COVID-19-related courtroom closures delaying ACE project eminent domain proceedings.

**SR 57/60 Funding** – Staff is coordinating with LA Metro staff and consultants who are preparing an application seeking TCEP funds for the SR 57/60 project. The application submittal deadline is August 3 and CTC staff will release award recommendations by November. The CTC will adopt the TCEP recommendations in early December, awarding approximately \$900 million in state diesel tax revenues and, if the FAST Act is reauthorized, California's share of national freight highway funds.

**Federal Railroad Administration Suicide Prevention Grants** – Mental health assistance organizations are invited to apply for national grants to fund outreach campaigns intended to prevent railroad trespassing suicides. The Federal Railroad Administration will award nearly \$300,000 in grants following the application deadline in early August. Examples of programs to be funded include training staff to identify and intervene with at-risk individuals and public awareness campaigns via signage or other strategies. Staff appreciates this funding opportunity being brought to our attention by Rep. Napolitano's office.

**Contracting** – The SGVCOG has delegated the Chief Engineer the authority to approve new contracts or change orders for previously approved contracts within certain limits, with a requirement that staff formally report such contract action. The following has been approved since the last Committee meeting:

CONSULTANT/VENDOR	REASON FOR CHANGE	CHANGE AMOUNT	REVISED TOTAL CONTRACT VALUE <sup>1</sup>	CUMULATIVE AUTHORIZED CHANGE (%)
<b>Biggs Cardosa Associates, Inc. - Agreement 12-03B, Bid and Design Support During Construction for the Fullerton Road Grade Separation Project</b>				
Task Order No. 5, Rev. 5	Budget Re-Allocation	\$0	\$1,904,958.00	0%
<b>Biggs Cardosa Associates, Inc. - Agreement 12-03B, Bid and Design Support During Construction for the Fullerton Road Grade Separation Project</b>				

<sup>1</sup> For construction, design, and construction management contracts, this amount reflects the contract award made by the CP&C Committee along with any approved amendments. For annual support contracts such as legal services, right of way, auditing, public outreach etc., this amount reflects the current fiscal year authorization as approved by the CP&C Committee.

Task Order No. 5, Rev. 6	List of Key Personnel Change	\$0	\$1,904,958.00	0%
<b>HDR Engineering, Inc. - Agreement 19-02A, Right of Way Support, Property Acquisition and Relocation Assistance Services</b>				
Amendment No. 1	To include retention language in agreement.	\$0	\$0	0%
<b>Paragon Partners, Ltd. - Agreement 19-02B, Right of Way Support, Property Acquisition and Relocation Assistance Services</b>				
Amendment No. 1	To include retention language in agreement	\$0	\$0	0%
<b>Fehr &amp; Peers – Agreement 20-02 Vehicle Miles Traveled Study (743 Implementation)</b>				
Amendment No. 1	Add Subconsultant	\$0	\$321,242.00	0%

**Community Outreach Update** – The following project outreach activities were conducted:

- Distributed construction alert notices regarding pile driving south of the railroad tracks for the Fairway Drive project; and,
- Conducted ongoing community outreach and support activities for the Fairway Drive, Fullerton Road, Durfee Avenue, Turnbull Canyon Road and Montebello Corridor grade separation projects.



4900 Rivergrade Rd. Ste. A120 Irwindale, CA 91706 (626) 962-9292 fax (626) 962-3552 www.theaceproject.org



Memo to: Capital Projects and Construction Committee Members & Alternates

From: Mark Christoffels, Chief Engineer

Date: June 22, 2020

Subject: Approval of Revision to Task Order No. 3 with Moffatt & Nichol for Final Design of the Montebello Corridor Grade Separation Project

**RECOMMENDATION:** Staff recommends that the Committee authorize the Chief Engineer to execute an amendment to the Design and Engineering Services contract with Moffatt & Nichol (M&N) and issue a revision to Task Order No. 3 for a not-to-exceed amount of \$96,618 for a new Task Order No. 3 contract value of \$627,918 to complete Phase III – Final Design for the At-Grade Crossing Safety Improvements (Vail Avenue-Only) for the Montebello Corridor Grade Separation Project.

**BACKGROUND:** At the May 14, 2018 Committee meeting, the Committee approved Task Order No. 3 to the contract with M&N for at-grade crossing safety improvements at the Vail Avenue, Maple Avenue, and Greenwood Avenue crossings of the Union Pacific Railroad in the City of Montebello. Since then the proposed Maple Avenue crossing improvements was combined with the Maple Avenue Pedestrian Bridge project. The proposed Greenwood Avenue crossing improvements was combined with the Montebello Blvd Grade Separation Project. The remaining at-grade crossing at Vail Avenue will go forward either as a stand alone project or combined with the proposed at grade improvements in Pomona. In recent meetings with the California Public Utilities Commission (CPUC) and the Federal Rail Administration (FRA) who have jurisdiction over at-grade crossings, several modifications of the Vail Avenue crossing were requested that were not originally anticipated in our original scope of work in our design contract with M&N. These include street modifications leading to the crossing, addition of two new traffic signals to control traffic at the crossing, new a wired interconnections between rail crossing equipment and the signal equipment, and some pedestrian safety and accessibility improvements.

Staff prepared an independent cost estimate of these additional design costs and compared them with those submitted by the consultant. After some negotiations, the parties have agreed to a design cost increase of \$96,618 for the additional plans and specifications.

M&N's scope of work was divided in Task Orders, the history of this contract is as follows:

Task Order	Board/Committee Approved Amount	Previously Authorized Changes	Executed Amount
Task Order #1: Phase 1 - Conceptual Design Services (Completed)	\$ 1,994,792	\$ 181,572	\$ 2,176,364
Task Order #2: Phase 2 - 35% Preliminary Engineering Services (Completed)	\$ 3,264,804	\$ 273,000	\$ 3,537,804
<b>Task Order #3: Phase 3 – Final Design At-grade Crossing Safety Improvements (Vail Avenue Only)</b>	<b>\$ 531,300</b>	<b>\$ 96,618</b> <i>(This Request)</i>	<b>\$ 627,918</b>



Task Order #4: Phase 3 – Final Design Montebello Boulevard Grade Separation	\$ 7,518,100		\$ 7,518,100
<b>TOTAL</b>			<b>\$ 13,860,186</b>

This authorization would also allow a 10% contingency allowance to this Task Order in accordance with normal agency procedures. Any contract amount changes from the above figure due to contract change orders during final design that exceed the Chief Engineer’s authorization will be brought back to the Committee for further consideration and approval.

**BUDGET IMPACT:** Funding for design is available from Measure R funds. The current project fund balance is sufficient to fund this contract authorization.

**ATTACHMENT:**

- Agreement 15-02, Task Order No. 3, Revision No. 5 with M&N for Phase III – Final Design: At-Grade Crossing Safety Improvements (Vail Avenue-Only) for the Montebello Corridor Grade Separation Project.

SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS

TASK ORDER

PRELIMINARY ENGINEERING AND FINAL DESIGN SERVICES  
FOR  
MONTEBELLO CORRIDOR GRADE SEPARATION PROJECT

<b>CONSULTANT:</b> Moffatt & Nichol	<b>AGREEMENT NO.:</b> 15-02	<b>TASK ORDER NO.:</b> 3
		<b>REVISION NO.:</b> 5

<b>TASK ORDER TITLE:</b>	PHASE 3 – FINAL DESIGN: AT-GRADE CROSSING SAFETY IMPROVEMENTS (VAIL AVENUE - ONLY)
<b>EFFECTIVE DATE OF THIS TASK ORDER:</b> June 22, 2020	<b>TASK ORDER VALUE:</b> \$627,918.00

<b>CONTACT:</b> Keith Gillfillan, PE	<b>TELEPHONE:</b> (562) 426-9551
<b>FACSIMILE:</b> (562) 424-7489	<b>EMAIL:</b> <a href="mailto:kgillfillan@moffattnichol.com">kgillfillan@moffattnichol.com</a>
<b>ADDRESS:</b> 3780 Kilroy Airport Way, Suite 600, Long Beach, CA 90806	

1. **SCOPE OF WORK: CHANGED BY THIS REVISION NO. 5**

The CONSULTANT agrees to perform revised services identified in Attachment “A”, Scope of Work, which is attached hereto and made a part thereof this **TASK ORDER NO.3, REVISION NO. 5.**

2. **COMPENSATION: CHANGED BY THIS REVISION NO. 5**

The total amount payable to CONSULTANT under this **TASK ORDER NO. 3 inclusive of all Revision(s)**, shall not exceed: **Six Hundred Twenty-Seven Thousand Nine Hundred Eighteen Dollars and 00/100s (\$627,918.00)**, as per Attachment “B” Consultant’s Cost Proposal, and as defined in further detail in SECTION 7 (COMPENSATION AND METHOD OF PAYMENT) of the AGREEMENT. CONSULTANT’s Cost Proposal is attached hereto and made a part of hereof this **TASK ORDER No. 3, REVISION NO. 5.**

<b>CURRENT TASK ORDER 3 AMOUNT</b>	<b>\$531,300.00</b>
<b>THIS REQUEST: TASK ORDER 3, REV. 5</b>	<b>\$96,618.00</b>
<b>TOTAL TASK ORDER NO. 3 AMOUNT</b>	<b>\$627,918.00</b>

3. **SUBCONTRACTORS: UNCHANGED BY THIS REVISION NO. 5**

4. **KEY PERSONNEL: UNCHANGED BY THIS REVISION NO. 5**

5. **SBE GOAL: UNCHANGED BY THIS REVISION NO. 5**

6. **PERIOD OF PERFORMANCE: UNCHANGED BY THIS REVISION NO. 5**

Work under **TASK ORDER NO. 3**, shall be completed by December 31, 2020.

All other terms and conditions of this AGREEMENT NO. 15-02 remains unchanged.

In witness whereof, this **TASK ORDER NO. 3, REVISION NO. 5** has been executed under the provisions of AGREEMENT NO. 15-02 between SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS and the above named CONSULTANT. By signature below, the parties hereto agree that all terms and conditions of this **TASK ORDER NO. 3, REVISION NO. 5** and AGREEMENT NO. 15-02 shall be in full force and effect.

---

**CONSULTANT:**

**SAN GABRIEL VALLEY  
COUNCIL OF GOVERNMENTS**

Authorized  
Signature: \_\_\_\_\_

Authorized  
Signature: \_\_\_\_\_

Print Name: Michael J. McCarthy

Print Name: Mark Christoffels

Print Title: Vice President

Print Title: Chief Engineer



555 Anton Blvd. Suite 400  
Costa Mesa, CA 92626

(657) 261-2699  
www.moffattnichol.com

May 12, 2020

San Gabriel Valley Council of Governments (SGVCOG)  
Alameda Corridor-East Project  
4900 Rivergrade Road  
Suite A120  
Irwindale, CA 91706

15-02 - 0008  
Contract No. (Seq. No.)

Attention: Andres Ramirez, PMP / Senior Project Manager

Subject: Alameda Corridor-East Project 15-02 – Task Oder # 3  
Phase III – Final Design: At-Grade Crossing Safety Improv. (Vail Avenue – ONLY)

Reference: **Task Order No. 3 – Contract Rev. # 5**  
Prepare Final Design for Interim Improvements for At-Grade Crossing Safety Improvements (Vail Only).

Dear Andres:

As a follow up and as a subsequent action to Contract Revision #4 (Budget Re-Allocation #1), please find herein Contract Revision # 5. Contract Revision # 5 reconciles and correlates the scope of work and associated budget for the Vail ONLY At-Grade Safety Improvements accounting for the previous cost to date expenditure performed under the original Task Order No. 3 scope of work and budget. Essentially, Contract Revision #5 is the final step to complete the transition / change from the Original Task Order #3 scope of work and budget to the new Vail ONLY scope of work and associated budget.

Our proposed scope of services and associated fee are as follows:

**I. Scope of Work:**

See attached Appendix “A” dated April 28,2020

**II. Budget Tabulation**

Per Attachment “B” – Vail ONLY Interim Improvements ..... \$ 450,510.00  
 Add M&N Invoice # 749082, dated 3/11/20 – Billed to Date Amt. .... \$ 177,408.00  
                   Sub Total Budget to Complete – Vail Only ..... \$ 627,918.00  
 Deduct Task Order # 3 – Original Budget ..... (\$ 531,300.00)  
**Net Amount of Adjustment – Contract Rev.#5 (This Contract Amend.) - \$ 96,618.00**

*See attached Exhibit “C” for distribution of Net Amount to various Task.*

**III. Contract Amendment Descriptions:**

Executed Contract 15-02 – TO # 3 (Original Contract Amt.) .....\$ 531,300.00  
 Plus Contract Amendments:  
     • Contract Amend. Rev # 5 – Interim Design Vail ONLY At-Grade ..... \$ 96,618.00

**Revised Contract Amount – Agreement 15-02 – TO #3 – Rev #5 ... \$ 627,918.00**

We understand if you are in agreement with the scope of services and associated fee stated herein a contract amendment (Contract Rev. #5) will be issued. Please do not hesitate to call me at (657) 261-2640, if you have any questions or need further assistance.

Sincerely,

MOFFATT & NICHOL



Keith Gillfillan  
Project Manager

cc: file Job # 9003-03

Attachments:

- Appendix “A” – Vail ONLY – Scope of Work – Ver. # 4
- Attachment “B” - Vail ONLY – Cost Proposal Work Book
- Exhibit “C” – Distribution of Contract Rev. #5 to various Task
- MN Invoice # 749082 dated 3/11/2020

**SAN GABRIEL VALLEY COUNCIL of GOVERNMENTS**

**ALAMEDA CORRIDOR – EAST PROJECT**

**APPENDIX “A”**

**REPLACEMENT SCOPE OF WORK**

**FOR**

**FINAL DESIGN SERVICES**

**PHASE 3**

**AT – GRADE CROSSING SAFETY IMPROVEMENTS  
(Vail Avenue – Interim ONLY)**

**IN THE CITY OF MONTEBELLO, CA**

**April 28, 2020  
(Ver #4**

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**ASSUMPTIONS:**

- General
- Engineering
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- Permit / Fees
- Potholing
- Railroad Activities / Submittals
- Surveying and ROW
- Traffic Handling and Detour Plans



## **STATEMENT OF WORK**

### **SECTION 1 - DESCRIPTION OF PROJECT**

The information described in Section 1 of the initial contract documents for Agreement 15-02 shall remain applicable for this Phase / Task Order.

### **SECTION 2 - GENERAL CONDITIONS AND REQUIREMENTS**

The information described in Section 2 of the initial contract documents for Agreement 15-02 shall remain applicable for this Phase / Task Order.

### **SECTION 3 - STATEMENT OF WORK FOR THIS TASK ORDER (FINAL DESIGN)**

The following scope of work completely replaces and supersedes the previously prepared scope of work for Task Order # 3 dated April 30, 2018 (Rev # 9) and approved May 15, 2018. The April 30, 2018 scope of work included the final design for At-Grade Crossing Safety Improvements for Vail, Maple and Greenwood Avenues. This scope of work provides for the final design of Interim At-Grade Crossing Safety Improvements ONLY at Vail Avenue. The scope of work for the final design of the Interim At-Grade Crossing Safety Improvements at Maple Avenue and Greenwood Avenues will be incorporated into other Task Orders.

The following scope of work is intended to provide approved Final PS&E (Plans, Specifications and Construction Cost Estimate) for the Vail Avenue Interim At-Grade Crossing Safety Improvements. These Final PS&E documents will be incorporated into the construction documents for San Gabriel Valley Council of Governments' Pomona At-Grade Safety Crossing Improvement project. It is anticipated that construction of the Pomona At-Grade Safety Crossing improvements will be under construction while these Vail Avenue PS&E documents are being prepared and approved. Upon approval these Vail Avenue construction documents will be added to the construction responsibility of the Contractor constructing San Gabriel Valley Council of Governments' Pomona At-Grade Safety Crossing improvements.

#### **3.1 TASK 1 – PROJECT MANAGEMENT/ COORDINATION/ ADMINISTRATION**

This task covers project management services including the requirements for meetings, schedules, progress reports, invoicing, and administration of CONSULTANT's work.

Duration: The Final Design Phase is scheduled to be completed in 16.5 calendar months from CONSULTANT'S receipt of Notice-to-Proceed for this Task Order.

##### **3.1-1 Project Management Plan**

The previously prepared and approved Project Management Plan (PMP) for Task Order #3 – Final Design Services when the scope of work included the At-Grade Crossing Safety Improvements for Vail, Maple & Greenwood Avenues will remain effective for this Task

Order to the extent applicable regarding the procedures and technical requirements that are to be followed in developing the Final PS&E package for this Phase of the project.

CONSULTANT will review the previously prepared PMP and prepare a memo to identify and communicate changes and /or additional requirements in the procedures and technical approach specific to this Task Order.

The following items may be included in the PMP memo:

- Scope of work and task listing
- Project schedule
- Applicable design standards and codes listing
- Communications procedures
- Quality management procedures

A copy of the PMP memo should be given to each project participant at the beginning of the project and a meeting should be held with all participants to explain all project requirements. CONSULTANT Deliverables:

- Draft PMP Memo for Task Order #3 – 1 copy plus MS Word file
- Final PMP Memo for Task Order #3– 1 copy plus pdf file

### **3.1-2 Coordination/Administration & Permits**

#### **3.1-2a Coordination and Meetings**

All coordination with UPRR shall be through the San Gabriel Valley Council of Governments (Authority). All UPRR submittals shall be sent to the Authority for submittal to UPRR.

Meetings with affected parties shall be held to discuss issues pertinent to analysis, design, and effects of the Project. During these meetings, Authority, City, UPRR, utilities and other stakeholders may provide input for development of the Final PS&E. However, Authority will resolve any disputes among the parties and shall provide sole direction to CONSULTANT for development of Final PS&E.

Project Development Team (PDT) meetings are to be consolidated and held jointly to the extent practicable and reasonable with the other Task Orders for Final Design. Two (2) other separate Task orders will be executed: Task Order No. 4 (TO#4) for the Final Design of the Montebello Grade Separation and Task Order No. 5 (TO#5) for the Final Design of the Maple Avenue Pedestrian Overhead Structure. It is anticipated that the Final Design schedules for the three (3) Task Orders will overlap and PDT meetings are to be coordinated and held jointly and as efficiently as possible in lieu of separate PDT meeting for each task order.

Meeting notices including an agenda shall be prepared by CONSULTANT and provided to participants a minimum of 10 calendar days prior to regularly scheduled meetings. For non-regularly scheduled meetings, notices with an agenda shall be provided with as much advanced notice as possible.

Draft meeting minutes shall be prepared and provided by the CONSULTANT to Authority within 5 calendar days following the meeting and to all attendees within 2 calendar days of receipt of Authority's comments. Final minutes shall be prepared and provided by CONSULTANT to attendees and stakeholders within 15 calendar days following the meeting.

CONSULTANT shall participate in the following meetings:

*Regularly-Scheduled Project Development Team (PDT) Meetings with Authority, City, and UPRR.*

For this Task Order (TO#3) twelve (12) PDT meetings will be planned and budgeted for. Any additional PDT meetings will be considered a joint meeting and budgeted under the other Task Orders. CONSULTANT shall bring progress plans as appropriate. Other stakeholders shall be invited to the PDT meetings on an as-required basis.

*Agency Coordination/Technical Workshop Meetings* shall be held to discuss technical issues with specific agencies, including City, UPRR, utility agencies, and other stakeholders. No special presentation materials shall be required. Collateral material may be black and white.

*Weekly Status Conference Calls* shall be held to discuss current issues and action items with the Authority Project Manager and Utility Coordinator. Similar to the PDT meetings, weekly conference calls will be consolidated and held jointly to the extent practicable and reasonable with the other Task Orders for Final Design.

For this Task Order (TO#3) forty-eight (48) Weekly Conference Calls will be planned and budgeted for. Any additional conference calls will be considered a joint call and budgeted under the other Task Orders.

CONSULTANT's Project Manager, Rail Sub-Consultant, Civil Lead, Traffic Sub-Consultant and other team members as required will participate as needed for each week's conference call.

CONSULTANT will coordinate with the San Gabriel Valley Council of Governments' - Pomona At-Grade Crossing Resident Engineer at the 95% design level to assure the Camera Ready Package will integrate into the Pomona At-Grade Crossing IFC construction documents.

The following table list the number of meetings anticipated to attend during this phase of the project and budget for:

<u>Attendees:</u>	<u>PDT</u>	<u>Tech Coord. Mtg.</u>	<u>Weekly Telecon</u>
Prime Consultant.....	4	4	12
Rail Sub Consultant .....	4	4	12
Traffic Sub Consultant .....	2	4	6
Other Sub Consultants .....	2	2	3

The meetings identified above assume no project work will be done during each of the UPRR Submittals Review (10%, 25%, 30% & 90%).

**CONSULTANT Deliverables:**

Following are the meeting materials that CONSULTANT will be responsible for preparing and providing to all persons invited to the meeting and all attendees:

- Notices (via e-mail)
- Agendas (pdf)
- Handouts (hard copy at meeting with pdf attached to meeting minutes)
- Minutes (pdf)
- Progress plans (hard copy at meeting)

**3.1-2b Administration and Permits**

Following are administrative duties, which shall be performed by CONSULTANT:

- Supervise subconsultants, coordinate, and monitor work for conformance with set standards and policies.
- Apply for and assist Authority in obtaining City and railroad encroachment and Right-of-Entry (ROE) permits necessary for CONSULTANT to be on the jobsite. Fees for the permits and ROE’s shall be the responsibility of the CONSULTANT.
- Obtain necessary safety credentials for personnel conducting field work in the UPRR ROW.
- Apply for and obtain City approvals and permits as required.
- Prepare, circulate, and file correspondence and memoranda as appropriate.
- Maintain Project files using the Authority specified filing system.
- Within Twenty (20) days of Notice to Proceed, CONSULTANT shall submit the final Project Master Schedule to Authority Project Manager.

**CONSULTANT Deliverables:**

- Copies of all required insurance and safety credentials for all field personnel, including those of all subconsultants.
- City and UPRR permit application materials.
- UPRR Encroachment Permit for field surveying.
- UPRR Right-of-Entry (ROE) Permit for potholing and associated survey.
- Project correspondence and other materials required for project audit.

### 3.1-3 Schedules

CONSULTANT shall submit an initial Design Schedule in a Microsoft Project format or format acceptable to Authority twenty (20) days following Notice to Proceed. The Authority will provide the CONSULTANT with key milestone dates for the Design Schedule.

Schedule shall incorporate the following review periods for Final PS&E submittals for the various stakeholder agencies:

- Authority pre-submittal review - 10 days.
- Authority - 20 working days.
- City - 20 working days.
- UPRR - 45 working days.
- Private utility companies, LACDPW, LACFCD, LACSD, and others - 20 working days.

The following elements must be included by CONSULTANT in the Schedule:

- Work items and deliverables identified in accordance with a Work Breakdown Structure (WBS) as developed by CONSULTANT and approved by Authority.
- Work items of agencies and other third parties that may affect or be affected by CONSULTANT's activities.
- Identification of critical path elements. The order, sequence, and interdependence of all work items shall be reflected on the Design Schedule. Major tasks should be broken down into subtasks as warranted.

Once approved, the schedule will be the Project Master Schedule. Monthly schedule updates will be part of the Progress Report and will be in accordance with the requirements shown in Section 3.1-4.

The monthly schedule update shall be provided by CONSULTANT with the monthly progress payment request. Inclusion of the update is a requirement for payment approval by the Authority.

CONSULTANT Deliverables:

- Draft Design Schedule – 1 copy, a pdf file, and a Microsoft Project electronic file format.
- Project Master Schedule – 1 copy, a pdf file, and a Microsoft Project electronic file format.
- Monthly updates to the Project Master Schedule – 1 copy, a pdf file, and a Microsoft Project electronic file format.

### **3.1-4 Progress Reports**

CONSULTANT shall report the progress of the work on a monthly basis. Progress shall be based on physical percent complete such as number of drawings or deliverables completed or estimated progress toward completion. Progress payments will be based upon percent complete of the major task identified.

CONSULTANT shall submit one copy of a monthly Progress Report to the Authority's Project Manager consisting of a written narrative and an updated bar-chart format of the Project Master Schedule. The narrative portion of the monthly Progress Report shall describe overall progress of the work, discuss significant problems and present proposed corrective action, and show the status of major changes.

This report shall be received no later than the tenth (10th) calendar day of the month following the report month.

All schedule tasks shall be updated to reflect current percent complete. If the latest completion time for a significant work item does not fall within the time allowed by the original Project Master Schedule, the sequence of work and/or duration, with the concurrence of Authority's Project Manager, may be revised by CONSULTANT through concurrent operations, additional staffing or overtime, until the resultant schedule indicates that all significant milestone dates will be met.

Should, during the course of the work, CONSULTANT fall behind in overall performance in accordance with the current schedule, a project management meeting will be called to determine the cause. If cause is found to be due to CONSULTANT performance, payment to CONSULTANT may be withheld pending the submittal of an action plan outlining the steps, which will be taken to correct the identified delay(s).

The initial Project Master Schedule, referenced in Section 3.1-3, as agreed to by Authority shall become the project target. The baseline schedule shall be displayed on the updated Project Master Schedule. Changes to the baseline schedule shall be approved by Authority's Project Manager.

The Progress Report shall be provided by CONSULTANT with the monthly progress payment request. Inclusion of the Progress Report is a requirement for payment approval by the Authority.

CONSULTANT Deliverables:

- Monthly progress reports with updated schedule. Schedule shall be provided as a hard copy, a pdf file, and a Microsoft Project electronic file.

### **3.1-5 Quality Assurance/Quality Control (QA/QC) Plan**

The previously prepared and approved Quality Assurance / Quality Control (QA/QC) Plan for Task Order #3 – Final Design Services when the scope of work included the At-Grade Crossing Safety Improvements for Vail, Maple & Greenwood Avenues will remain effective for this Task regarding the procedures and assurance that reports, plans, studies, estimates, and other documents submitted during this Task Order are complete, accurate, checked, conform to standards and proofread to meet professional engineering practices in effect at the time of execution of the Agreement.

CONSULTANT will follow the quality control elements as stipulated in previous Task Orders.

CONSULTANT will review the previously prepared QA/QC and prepare a memo to identify and communicate any changes and /or additional requirements in the procedures and QA/QC approach specific to this Phase of the project.

Changes and / or additional requirements to the following quality control elements items may be included in the QA/QC memo:

1. Provide independent checking and verification of all calculations.
2. Provide independent checking, correction, and back checking for all plans. Plans shall be marked clearly as being checked, signifying that the preparation of the material followed the QA/QC Plan established for the project.
3. Route pertinent project related correspondence and memoranda to affected personnel and bind in appropriate project files.
4. Establish appropriate means to avoid conflicts and misalignments between both new and existing improvements, particularly where several drawings show different elements of work in the same area.
5. CONSULTANT shall identify critical QA reviews within the Project Master Schedule.
6. The QA/QC Plan shall include a procedure where each deliverable is certified by the Quality Manager or Project Manager as being prepared and checked in accordance with the approved QA/QC Plan.
7. Each deliverable shall be certified by the Quality Manager or Project Manager as being prepared and checked in accordance with the approved QA/QC Plan.
8. CONSULTANT's Project Manager or Quality Manager shall be qualified and certified to implement Quality Control and Quality Assurance program.

- 9. CONSULTANT shall conform to Authority’s independent quality surveillance, monitoring and audits. Such quality surveillance, monitoring and audits will be performed by the Authority and may be scheduled or ad hoc.

Within 30 days of receiving the Notice to Proceed, CONSULTANT shall submit a copy of the QA/QC memo to the Authority Project Manager for review.

CONSULTANT Deliverables:

- Draft QA/QC Memo – 1 copy plus MS Word file
- Final QA/QC Memo – 1 copy plus pdf file

**3.1-6 Public Outreach Program**

CONSULTANT may be tasked to assist Authority in the community outreach effort. CONSULTANT shall have the ability to assist Authority and City with educating residents, businesses, merchants, and the motoring public, as well as elected and City officials affected by the corridor project.

The following table list the number of meetings anticipated to attend during this phase of the project:

<u>Attendees</u>	<u>Public Meetings</u>	<u>City Council /AD-Hoc/ Staff</u>
Prime Consultant .....	1	1
Rail Sub Consultant .....	1	1
Traffic Sub Consultant .....	1	1
Other Sub Consultant .....	0	0

CONSULTANT Deliverables:

- Presentation Exhibits and meeting minutes of all meetings (pdf files)

**3.1-7 CPUC Coordination and UPRR 25% - 30% Site Visit Review**

During this phase of the Project, the Consultant shall be responsible for coordination with the California Public Utilities Commission (CPUC). Coordination shall include; design discussions, coordination and arrangement of field diagnostic meetings, preparation of meeting agendas, minutes, applications, and exhibits required for meetings and applications, safety analyses required or requested by the CPUC, and other coordination for obtaining the CPUC approval of the improvements.

NOTE: Up to four (4) exhibits have been budget for this task.

Should it be necessary during the CPUC approval process to coordinate with the FRA the Consultant shall provide materials and effort for that coordination.



Upon receipt of the UPRR comments from the 25% Interim At-Grade Submittal, CONSULTANT shall coordinate and participate in a site meeting with Authority and UPRR to review comments received and reach concurrence on the corrections and changes required by UPRR to prepare the 30% plan submittal.

CONSULTANT Deliverables:

- Required support material and meeting minutes of all meetings (pdf files)
- Materials required to assist the Authority in obtaining the CPUC & UPRR approval of the Project.
- Prepare Draft and Final GO-88B submittals for the Interim At-Grade Safety Improvements.

### **3.2 TASK 2 - DATA COLLECTION, RESEARCH, FIELD SURVEY & POTHOLING SUPPORT**

#### **3.2-1 Data Collection & Research**

CONSULTANT shall review existing records, reports, and other materials previously obtained from the UPRR, City, and other agencies during the previous Task Order and research and determine if any new information, construction and / or utility installation activities have occurred since the previous Task Order that may impact the project footprint.

CONSULTANT will obtain new information and incorporate it into the project data base files.

CONSULTANT Deliverables:

- Copies of all data collected - pdf files

#### **3.2-2 Potholing**

CONSULTANT will not perform any potholing during the design phase of this task.

At commencement of construction CONTRACTOR shall conduct utility pothole investigation for locations where utilities may be in potential conflict with project design plans to check horizontal and vertical locations during construction.

#### **3.2-3 Design Surveys**

CONSULTANT shall perform additional field survey work required for this phase of the project (Maximum of 3 field survey days).

CONSULTANT Deliverables:

- Survey notes, drawings, calculations, and other survey documents/materials shall be completed to complete the work and in accordance with the requirements established in previous Task Orders for the project.
- Updated field survey Notebook prepared in previous Task Orders for the project.
- Copies of all data collected - pdf files

### **3.3 TASK 3 – 10% UPRR SUBMITTAL, 35% STREET IMPROVEMENT, STREET LIGHTING & TRAFFIC SIGNAL PLAN SUBMITTALS**

#### **3.3-1 10% UPRR SUBMITTAL**

CONSULTANT will prepare 10% level preliminary plans for the Interim At-Grade Safety Improvements at Vail Avenue. These plans will be developed for review by the respective agencies and for use and insertion into the entire 10% plan package.

#### **3.3-2 35% STREET IMPROVEMENT**

In addition to the rail crossing plans, the plan set will also address:

- Associated Street and sidewalk improvements which will include:
  - Approximately 130 LF of temporary K-rail medians
  - Approximately 770 SF of new sidewalk in the southwest quadrant of Mines Avenue and Vail Avenue with installation of one ADA ramp.
  - Closure and removal of approximately 630 SF of existing sidewalk in the northeast quadrant of Mines Avenue and Vail Avenue and installation of a walkable surface with the intent of discouraging pedestrian use of this area. Installation of a pedestrian barrier with signage.
  - Approximately 7,500 SF of Type 2 slurry seal on Vail Avenue from Ferguson Drive southerly approximately 175 feet.
  - Approximately 3,300 SF of 2” mill & fill from the end of the Type 2 slurry seal to the northerly edge of the concrete track panel.
  - Approximately 9,650 SF OF 2” mill & fill from the southerly edge of the concrete track panel southerly approximately 210 feet.

#### **3.3-3 STREET LIGHTING & TRAFFIC SIGNAL & SIGNING AND STRIPING PLANS**

- Street Lighting, Striping & Traffic Signal Plans – Mines Avenue & Vail Avenue Intersection:
  - Traffic signal design plan for the intersection of Mines Avenue and Vail Avenue. This will be a preliminary traffic signal plan outlining the proposed traffic signal phasing

sequence under normal operation and during the rail road preemption. The traffic signal plan will be accompanied by traffic signal preemption calculations.

- Street lighting plan for the Vail Avenue at grade crossing.
- Signing and Striping plan for the Vail Avenue and Mines Avenue intersection and north of the railroad crossing to Ferguson Drive.

CONSULTANT shall prepare a Project cost estimate at 10% rail completion (35% Street Improvements & Traffic Signal)

CONSULTANT Deliverables:

- Screen Check 10% Railroad Track Plans, At-Grade Safety Improvement Plans, 35% Vail Street Improvement and Traffic Signal Plans (Authority only) - 2 sets (11X17) plus a pdf file
- 10% Railroad Track Plans & Interim At-Grade Safety Improvement Plans, 35% Vail Interim Street Improvement, Street Lighting, Striping and Traffic Signal Plans - 8 sets (11X17) plus a pdf file

### **3.4 TASK 4 – 25% UPRR SUBMITTAL**

#### **3.4-1 25% UPRR Submittal**

CONSULTANT will prepare 25% level preliminary plans for the:

- Review and responded to UPRR 10% plan review comments.
- Rail at-grade safety improvements at Vail Avenue incorporating UPRR 10% plan review comments.
- The proposed at-grade safety improvements will conform to existing street vertical geometry, no track work is anticipated for the safety improvements, signal interconnections with UPRR signal facilities are anticipated as part of the at-grade safety improvements.

CONSULTANT shall prepare a Project cost estimate at 25% completion.

NOTE: This submittal is to satisfy the 25% UPRR submittal requirements ONLY and will not include advancement of the 35% street improvements and traffic signal plans. The next submittal for the street improvement & traffic signal plans will be designated as a 65% milestone submittal as part of the 30% UPRR submittal.

CONSULTANT Deliverables:

- Screen Check 25% Railroad Track Plans & Interim At-Grade Safety Improvement Plans (Authority only) - 2 sets plus a pdf file
- 25% Railroad Track Plans & Interim At-Grade Safety Improvement Plans - 8 sets (11X17) plus a pdf file

### **3.5 TASK 5 – 30% UPRR FIELD MEETING**

#### **3.5-1 30% UPRR Field Meeting**

CONSULTANT will coordinate a field meeting upon receipt of the UPRR comments from the 25% Interim At-Grade Submittal, CONSULTANT shall coordinate and participate in a site meeting with Authority and UPRR.

CONSULTANT Deliverables:

- Meeting Exhibits and meeting minutes (pdf files)

### **3.6 TASK 6 - 30% UPRR SUBMITTAL, 65% STREET IMPROVEMENT, STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE & STRIPING SUBMITTALS**

#### **3.6-1 30% UPRR Submittal**

Based upon input, review comments and feedback received during the field meeting, CONSULTANT will prepare a 30% Interim UPRR plan submittal.

#### **3.6-2 65% Street Improvement Submittal**

Based upon input, review comments and feedback received from the 35% submittal, the, CONSULTANT will prepare 65% Interim Street Improvement Plans.

#### **3.6-3 65% Signal, Street Lighting, Traffic Signal, Signage And Striping Plan Submittals**

Based upon input, review comments and feedback received from the 35% submittal, the, CONSULTANT will prepare a 65% Interim Street Lighting, Signage, Traffic Signal and Striping Plans.

CONSULTANT Deliverables:

- 30% Interim UPRR At-Grade Crossing Safety Improvement Plans, 65% Interim Ultimate Street Improvement, Traffic Signal, Street Lighting and Striping Plans – 8 sets (11X17) plus a pdf file.
- Plan set shall be based on approved drawing list and UPRR Public Projects check list.

### **3.7 TASK 7 - 90% PS&E SUBMITTAL**

#### **3.7-1 90% UPRR At-Grade Crossing Safety Improvements Plans Submittal**

CONSULTANT shall prepare the 90% PS&E submittal per Authority and UPRR requirements and shall address comments provided by Authority and project stakeholders, in a timely manner. The plans set will include;

- Rail Interim At-Grade Safety Improvements at Vail Avenue crossing.
- Interim signal plans for the Vail Avenue and Mines Avenue intersection.
- Interim striping plans for the Vail Avenue and Mines Avenue intersection and north of the crossing to Ferguson Drive.

CONSULTANT will prepare 90% level of completion plans and specifications for the Interim At-Grade Safety Crossing Improvements at Vail Avenue. These plans and specifications will be developed for review by the respective agencies.

CONSULTANT shall prepare a matrix of review comments and provide dispositions for Authority review. CONSULTANT shall also complete a checklist, as provided by Authority, with each submittal to verify the completeness of the submittal.

CONSULTANT Deliverables:

- 90% Interim At-Grade Crossing Safety Improvement Plans & Specifications - 8 sets (11X17) plus a pdf file

#### **3.7-2 90% Street Improvements Submittal**

Based upon input, review comments and feedback received from the 65% submittal, the, CONSULTANT will prepare 90% Interim Street Improvement Plans.

#### **3.7-3 90% Signing and Striping Plans Submittal**

CONSULTANT shall prepare Interim Signing and Striping Plans to show existing and proposed new signs and striping to be removed. The plans will include sign details and quantity sheets.

The plan set will include the following:

- Interim signing plans to conform to the intersection modifications at the Vail Avenue and Mines Avenue intersection.
- Interim striping plans for the Vail Avenue and Mines Avenue intersection and north of the railroad crossing to Ferguson Drive.

CONSULTANT Deliverables (4 sets (11X17) plus a pdf file):

- Interim Signing & Striping Plans
- Sign Detail Sheets
- Quantity Sheets
- Special and Technical Provisions

### **3.7-4 90% Street Lighting and Signal Design Submittal**

The electrical, lighting, and signal analyses and design shall be performed by the CONSULTANT for the interim Vail Avenue crossing, including electrical and lighting plans for roadway improvements as required for the project. CONSULTANT shall analyze and design temporary and permanent signal and traffic control systems for railroad and roadway as required.

CONSULTANT shall coordinate the design for railroad signalization as required with UPRR, including new interim railroad crossing signals and signalization systems as necessary for the Project.

The CONSULTANT shall complete interim traffic signal design, including any necessary removal plans, for interim and roadway traffic signals and traffic control systems as applicable.

CONSULTANT shall prepare plans and specifications for electrical, lighting and signal systems as necessary, including interim street lighting and traffic signals, for roadway and railway during construction.

CONSULTANT Deliverables (4 sets plus a pdf file):

- Interim Lighting & Signal Plans
- Lighting & Signal Detail Sheets
- Quantity Sheets
- Special and Technical Provisions
- Interim traffic signal design plan for the intersection of Mines Avenue and Vail Avenue including the proposed traffic signal phasing sequence under normal operation and during the railroad preemption. The traffic signal plan will be accompanied by traffic signal preemption calculations.
- Interim street lighting plan for the Vail Avenue at grade crossing.

### **3.7-5 Agreements**

CONSULTANT shall assist Authority in preparing information and obtaining the following:

- Construction and Maintenance Agreement between the City/Authority and UPRR.
- – not applicable “Order to Construct” is a public hearing process and we will be using GO88B process – see Task 3.1-7

CONSULTANT Deliverables:

- Support for Permit Applications

### **3.7-6 Project Cost (Update)**

CONSULTANT shall prepare a Project cost estimate at 90% completion. Throughout development of the Final PS&E, CONSULTANT will update this estimate using the Authority’s cost estimate format with the final estimate due with the plans and specifications. If this cost estimate, or any of the updates, exceeds the Project Cost Budget as provided by the Authority’s project manager, CONSULTANT shall recommend and implement alternatives for reducing the project costs to within the budget.

CONSULTANT Deliverables:

- Updated Quantity and Cost Estimate - 2 copies plus pdf and Excel files

### **3.7-7 Construction Staging Plans, Detour Plans and Construction Schedule**

CONSULTANT shall prepare 90% level construction staging summary plans, detour plans and construction schedule for review by the Authority, City, UPRR, and impacted stakeholder agencies, as appropriate. It is anticipated that two (2) half day street closures will occur at each crossing during installation of the signal crossing foundations and associated concrete work.

The final construction staging plans will be prepared by the Contractor to conform to his means and methods. Final construction staging plans will be reviewed and approved by the Resident Engineer prior to implementation.

CONSULTANT will prepare a preliminary construction schedule in bar chart / Gantt chart format.

CONSULTANT Deliverables include:

- Draft 90% Level Construction Staging & Detour Plans and Construction Schedule  
- 4 sets (11X17) plus electronic files

- Final 90% Level Construction Staging & Detour Plans and Construction Schedule - 4 sets (11X17) plus electronic files.

### **3.7-8 UPRR 90% Submittal Package**

CONSULTANT shall prepare a UPRR 90% submittal package as required under UPRR Guidelines for Public Projects. The submittal package shall include responses to UPRR's comments on the 30% Plan Submittal package.

CONSULTANT Deliverables – 2 copies (11X17) plus a pdf file

- Set of 90% Design Plans
- Draft Project Specifications and Special Provisions
- Set of 90% Construction Phasing Plans
- Completed 90% UPRR Checklist

### **3.8 TASK 8 - 100% / FINAL PS&E SUBMITTAL**

CONSULTANT shall prepare the 100% / Final PS&E submittal and shall address comments provided by Authority and project stakeholders in a timely manner. CONSULTANT shall prepare a matrix of review comments and provide dispositions for Authority review. CONSULTANT shall also complete a checklist, as provided by Authority, with each submittal to verify the completeness of the submittal.

#### **3.8-1 100% / Final PS&E Documents**

CONSULTANT shall submit the 100% / Final Interim PS&E package to Authority for final approval. The submittal shall incorporate review comments from all involved agencies.

CONSULTANT Deliverables (2 copies plus pdf files):

- 100% / Final Interim At-Grade Safety Improvement Plans
- 100% Interim Street Improvement Plans, Electrical, Lighting, Traffic Signal, Signage & striping
- 100% / Final Interim Project Special and Technical Provisions
- 100% / Final Interim Cost Estimate in the Bid Schedule format (provide Excel file in addition to copies and pdf file)
- Working Day Schedules



- Comment Matrix
- Authority Checklist (UPRR and roadway)

### **3.8-2 UPRR 100% / Final Submittal Package**

CONSULTANT shall prepare a UPRR 100% / Final submittal package as required under UPRR Guidelines for Public Projects. The submittal package shall include responses to UPRR's comments on the 90% Plan Submittal package, final interim design plans and Geotechnical report, project specifications and special provisions, and final interim detailed construction phasing plans.

CONSULTANT Deliverables (2 copies plus pdf files):

- 100% / Final Interim At-Grade Safety Improvement Plans
- 100% / Final Interim Construction Phasing Plans
- Final Interim Project Specifications and Special Provisions
- Completed and Signed UPRR Checklist

### **3.8-3 Construction Manager File**

CONSULTANT shall meet with the Authority's Project Manager and Construction Manager and provide the following information for the Construction Manager file. This list is not comprehensive, and CONSULTANT shall provide additional information as appropriate.

- Permits
- Surveying Notes
- Relevant correspondence and memoranda
- Engineering calculations (horizontal and vertical alignments, earthwork quantities, etc.)
- Environmental Agreements and Reports
- Summary and discussion of Environmental issues.
- Right-of-Way Maps & Agreements
- List of Project Personnel
- Cooperative Agreements
- Pre-construction Record of Survey

- Post-construction Record of Survey

CONSULTANT Deliverables:

- Construction Manager file – 4 sets plus pdf files

### **3.9 TASK 9 - CAMERA READY SUBMITTAL**

This submittal shall provide camera ready documents after incorporating all previous comments. CONSULTANT shall address final formatting comments that Authority may require to achieve camera ready bid documents including Special and Technical Provisions and a Project Cost Estimate.

CONSULTANT Deliverables include:

- Camera Ready PS&E - certain portions of the plans to be signed by various stakeholder agencies, shall be provided as full-size Mylar's; electronic files for other plans shall be submitted in the approved project format.
- Final Cost Estimate in the Bid Schedule format (provide Excel file in addition to copies and pdf file).

### **3.10 TASK 10 - SPECIAL WORK ASSIGNMENTS**

CONSULTANT may be asked to perform special work assignments. The budget under this task will be used only upon Authority's written authorization and will be tracked separately with documentation of the effort required to complete the special work assignment. CONSULTANT will prepare a scope along with a detailed schedule and provide associated cost and obtain Authority's written approval prior to commencement of any special work assignment task.

## **ASSUMPTIONS:**

### **General**

1. UPRR coordination meetings in Omaha are not anticipated and therefore excluded.
2. Meetings with property owners are not anticipated for this Task Order and therefore excluded from the scope of services. Should property owner meetings be requested they will be performed as a Special Work Assignment task.
3. CONSULTANT'S cost estimate will reflect cost for UPRR facilities and work to be performed by UPRR. This cost estimate will be a separate standalone estimate and not part of the bid documents. The cost estimate is provided to Authority for budgeting and negotiating agreements with UPRR.

### **Engineering**

1. Minimal street improvements are anticipated for this task order. Such improvements may include sidewalk improvements, signage and striping and minor pavement transition areas near the existing crossing panels. No re-profiling of the street centerline, construction of new street structural section, curbs and gutters are anticipated and therefore excluded.
2. Based upon the hydrology analysis performed during the previous Task Order assignments, no alterations, modifications and improvements to the existing drainage systems and runoff patterns in the vicinity of the existing grade crossing is anticipated for this Task Order and are excluded from the scope of services. If during the course of design, the Authority desires to have drainage improvements included as part of the project, the associated design effort will be performed as a Special Work Assignment task.

### **Geotechnical**

1. It is assumed that utilization of a railroad standard plan for the galvanized steel foundation for a CPUE 9E gate / flasher will be used and /or the Contractor will provide the foundation design for gate / flasher. Therefore, geotechnical services are not required and excluded from this scope of services.

### **Landscape and Irrigation**

1. Landscape and irrigation services / plans are excluded from this scope of work.

### **Permit / Fees**

1. The cost and obtainment of all City encroachment and access permits will be the responsibility of the CONSULTANT.

## **Potholing**

1. Potholing will be done by the Contractor during construction.

## **Railroad Activities / Submittals**

1. This scope assumes that the UPRR will determine that this project (At-Grade Crossing Safety Improvements) is not a complex project and hence a 60% submittal will not be required. If the UPRR determines that a 60% submittal is required, CONSULTANT will submit a scope of services and budget to the Authority for approval to prepare a 60% Submittal as a Special Work Assignment task.
2. Railroad flagging for potholing and surveying activities are anticipated during this phase. The cost for flagging will be paid to the UPRR directly by the Authority.
3. The foregoing railroad scope of work and associated budget assumes the UPRR will accept the project as submitted in the previous phase of the project without significant modifications and changes.
4. For the at-grade safety improvements at Vail Avenue no extensive street improvements or re-profiling of the street centerlines are anticipated.
5. It is anticipated that the proposed At-Grade Safety improvements will have no impact on the existing rail and railroad crossing panels, hence these facilities will remain as is and protected-in-place. If any modification, re-construction and/or repair to these elements are required, CONSULTANT will submit a scope of services and budget to the Authority for approval as a Special Work Assignment task.
6. This project will be processed by the CPUC as a GO-88B process and not the “Order to Construct” PUC authorization process.

## **Surveying and ROW**

1. Record Maps and ALTA surveys are excluded from the scope of work, but can be performed as a Special Studies task assignment.
2. Monument preservation will be performed in future phases.

## **Traffic Handling and Detour Plans**

1. It is anticipated that two (2) half day street closures will occur at the crossing during installation of the signal crossing foundations and associated concrete work. This scope of work includes detour routes for these closures.
2. Scope of work does not include preparation of traffic handling and/or detour plans for the installation of traffic signal equipment at the intersection of Vail Avenue and Mines Avenue.
3. Scope of work does not include preparation of traffic handling and/or detour plans for the removal/installation of signing and striping.

### **Traffic Signal Design Plan and Preemption Calculations**

1. Scope of work does not include preparation of interconnect and/or fiber optic plans.
2. Traffic signal preemption calculations will be performed using Los Angeles Department of Transportation preemption worksheet (Dated 1/22/2014).
3. Railroad information to be for the traffic signal preemption calculations shall be provided by others.

### **Street Lighting**

1. Scope of work does not include preparation photometric lighting analysis.
2. Street lighting design shall be done per Section 5.10 of the Roadway Lighting Manual (ANSI/IES RP-8-14) by Illuminating Engineering Society.



SAN GABRIEL VALLEY COUNCIL of GOVERNMENTS ALAMEDA CORRIDOR-EAST PROJECT  
 ATTACHMENT "B"  
 Consultant Name: HDR  
 Detailed Labor & Fee Breakdown - MONTEBELLO AT-GRADE CROSSING SAFETY IMPROVEMENTS (Vail - ONLY)  
 TASK ORDER # 3 - FINAL DESIGN PHASE

Task	Labor Classifications	HDR											Total Hours	Total \$\$ Amt.
		Project Principal/ Project Director	Project Manager/ Production Coordinator	Senior Engineer	Staff Engineer	Project Engineer	CADD / Technician	Admin Assistant	Technician	TBD	TBD			
Hourly Billing Rates		273.36	273.36	163.29	243.84		136.81	103.71						
<b>3.1</b>	<b>TASK 1 - PROJECT MANAGEMENT /COORDINATION / ADMIN.</b>													
	PROJECT MGMT/COORDINATION & ADMIN.	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.1-1 - PROJ. MGT PLAN & PM												0	\$ -
	3.1-2 - COORDINATION/ADMINISTRATION & PERMITS	40	96	0	40	0	0	32	0	0	0	0	208	\$50,250
	3.1-2a - COORDINATION AND MEETINGS	8	32					32					72	\$ 14,253
	3.1-2b - ADMINISTRATION AND PERMITS	8	8										16	\$ 4,374
	3.1-3 - SCHEDULES												0	\$ -
	3.1-4 - PROGRESS REPORTS	16											16	\$ 4,374
	3.1-5 - QA / QC	8											8	\$ 2,187
	3.1-6 - PUBLIC OUTREACH												0	\$ -
	3.1-7 - CPUC COORDINATION & UPRR 25% - 30% SITE VISIT REVIEW		56		40								96	\$ 25,062
<b>3.2</b>	<b>TASK 2 - DATA COLLECTION, RESEARCH, FIELD SURVEY &amp; POTHOLING SUPPORT</b>													
	3.2-1 DATA COLLECTION & RESEARCH	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.2-2 POTHOLING												0	\$ -
	3.2-3 DESIGN SURVEYS												0	\$ -
	3.2-1 - DATA COLLECTION & RESEARCH												0	\$ -
	3.2-2 - POTHOLING - N/A = BY CONTRACTOR DURING CONSTRUCTION												0	\$ -
	3.2-3 - DESIGN SURVEYS - 3 days as-needed												0	\$ -
<b>3.3</b>	<b>TASK 3 - 10% UPRR SUBMITTAL, 35% STREET IMPROVEMENTS, STREET LIGHTING &amp; TRAFFIC SIGNAL PLANS</b>													
	3.3-1 - 10% UPRR SUBMITTAL 3.3-2 - 35% STREET IMPROVEMENTS 3.3-3 - STREET LIGHTING & TRAFFIC SIGNAL PLANS	2	32	8	0	0	8	0	0	0	0	0	50	\$11,695
	3.3-1 - 10% UPRR SUBMITTAL	2	32	8			8						50	\$11,695
	3.3-2 - 35% STREET IMPROVEMENTS												0	\$0
	3.3-3 - STREET LIGHTING & TRAFFIC SIGNAL PLANS												0	\$0
<b>3.4</b>	<b>TASK 4 - 25% UPRR SUBMITTAL</b>													
	3.4-1 - 25% UPRR SUBMITTAL	2	32	8	0	0	8	0	0	0	0	0	50	\$11,695
	3.4-1 - 25% UPRR SUBMITTAL	2	32	8			8						50	\$11,695
													0	\$0
<b>3.5</b>	<b>TASK 5 - 30% UPRR FIELD MEETING</b>													
	3.5-1 - 30% UPRR FIELD MEETING	2	16	0	8	0	0	0	0	0	0	0	26	\$6,871
	3.5-1 - 30% UPRR FIELD MEETING	2	16		8								26	\$6,871
													0	\$0
<b>3.6</b>	<b>TASK 6 - 30% UPRR SUBMITTAL, 65% STREET IMPROVEMENTS SUBMITTAL, 65% STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE &amp; STRIPING SUBMITTAL</b>													
	3.6-1 - 30% UPRR SUBMITTAL 3.6-2 - 65% STREET IMPROVE. SUBMITTAL 3.6-3 - 65% STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE & STRIPING SUBMITTAL	2	32	8	0	0	8	0	0	0	0	0	50	\$11,695
	3.6-1 - 30% UPRR SUBMITTAL	2	32	8			8						50	\$11,695
	3.6-2 - 65% STREET IMPROVEMENTS SUBMITTAL												0	\$0
	3.6-3 - 65% STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE & STRIPING SUBMITTAL												0	\$0
<b>3.7</b>	<b>TASK 7 - 90% PS&amp;E SUBMITTAL</b>													
	90% SUBMITTALS FOR : - UPRR AT-GRADE X-ING SAFETY IMPROVE., STREET IMPROVE. - SIGNING & STRIPING - ST. LIGHT & SIGNAL - AGREEMENTS, PROJECT COST (UPDATES), - CONST. STAGING PLANS, DETOUR PLANS AND CONST. SCHEDULE, - UPRR 90% PACKAGE	2	80	16	0	0	16	0	0	0	0	0	114	\$27,217
	3.7-1 - 90% UPRR AT-GRADE CROSSING SAFETY IMPROVEMENTS PLANS SUBMITTAL	2	32	8			8						50	\$11,695
	3.7-2 - 90% STREET IMPROVEMENTS SUBMITTAL												0	\$0
	3.7-3 - 90% SIGNING AND STRIPING PLANS SUBMITTAL												0	\$0
	3.7-4 - 90% STREET LIGHTING AND SIGNAL DESIGN SUBMITTAL												0	\$0
	3.7-5 - AGREEMENTS												0	\$0
	3.7-6 - PROJECT COST (UPDATES)		16										16	\$4,374
	3.7-7 - CONSTRUCTION STAGING PLANS, DETOUR PLANS AND CONSTRUCTION												0	\$0
	3.7-8 - UPRR 90% SUBMITTAL PACKAGE		32	8			8						48	\$11,148
<b>3.8</b>	<b>TASK 8 - 100% / FINAL PS&amp;E SUBMITTAL</b>													
	100% SUBMITTAL FOR: - FINAL PS&E, UPRR PACKAGE, - CONSTRUCTION MANAGER FILE	0	20	0	0	0	0	0	0	0	0	0	20	\$5,467
	3.8-1 - 100% / FINAL PS&E DOCUMENTS												0	\$ -
	3.8-2 - UPRR 100% / FINAL SUBMITTAL PACKAGE		20										20	\$ 5,467
	3.8-3 - CONSTRUCTION MANAGER FILE												0	\$ -
<b>3.9</b>	<b>TASK 9 - CAMERA READY SUBMITTAL</b>													
	CAMERA READY SUBMITTAL	0	20	0	0	0	0	0	0	0	0	0	20	\$5,467
	3.9 - CAMERA READY SUBMITTAL		20										20	\$5,467
<b>3.1</b>	<b>TASK 10 - SPECIAL WORK ASSIGNMENTS</b>													
	SPECIAL STUDIES / OPTIONAL SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	- TBD												0	\$0
													0	\$0
Total Hours		50	328	40	48	0	40	32	0	0	0	0	538	
Loaded Billing Rates (\$/hr.)		334.17	262.85	234.46	157.01	112.46	131.55	99.72	91.24	1.00			237.53	
Extended Amounts / \$k		\$16,209	\$86,215	\$9,378	\$7,536	\$0	\$5,262	\$3,191	\$0	\$0	\$0	\$0	\$127,791	\$130,357

Ck Total Hrs. - 538

	Labor	ODC	TOTAL
<b>Sub consultants:</b>			
HDR - Rai	\$130,357.00	\$543.00	\$130,900.00
<b>TOTAL</b>	\$130,357.00	\$543.00	\$130,900.00

SAN GABRIEL VALLEY COUNCIL of GOVERNMENTS ALAMEDA CORRIDOR-EAST PROJECT  
**ATTACHMENT "B"**  
 Consultant Name: LIN Consulting, Inc.  
 Detailed Labor & Fee Breakdown - MONTEBELLO AT-GRADE CROSSING SAFETY IMPROVEMENTS (Vail - ONLY)  
**TASK ORDER # 3 - FINAL DESIGN PHASE**

		LIN Consulting, Inc.											
Task	Labor Classifications	Principal	Senior Project Manager	Project Engineer	Administrative Support							Total Hours	Total \$ Amt.
	Hourly Billing Rates	195.00	185.00	130.00	50.00	1.00	1.00	1.00	1.00	1.00	-		
<b>3.1</b>	<b>TASK 1 - PROJECT MANAGEMENT /COORDINATION / ADMIN.</b>												
	PROJECT MGMT/COORDINATION & ADMIN.	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.1-1 - PROJ. MGT PLAN & PM	0	0									0	\$ -
	<b>3.1-2 - COORDINATION/ADMINISTRATION &amp; PERMITS</b>	8	42	0	0	0	0	0	0	0	0	50	\$9,330
	3.1-2a - COORDINATION AND MEETINGS	8	42									50	\$ 9,330
	3.1-2b - ADMINISTRATION AND PERMITS											0	\$ -
	3.1-3 - SCHEDULES											0	\$ -
	3.1-4 - PROGRESS REPORTS											0	\$ -
	3.1-5 - QA / QC											0	\$ -
	3.1-6 - PUBLIC OUTREACH											0	\$ -
	3.1-7 - CPUC COORDINATION & UPRR 25% - 30% SITE VISIT REVIEW											0	\$ -
<b>3.2</b>	<b>TASK 2 - DATA COLLECTION, RESEARCH, FIELD SURVEY &amp; POTHOLING SUPPORT</b>												
	3.2-1 DATA COLLECTION & RESEARCH	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.2-2 POTHOLING											0	\$ -
	3.2-3 DESIGN SUVEYS											0	\$ -
	3.2-1 - DATA COLLECTION & RESEARCH											0	\$ -
	3.2-2 - POTHOLING - N/A = BY CONTRACTOR DURING CONSTRUCTION											0	\$ -
	3.2-3 - DESIGN SURVEYS - 3 days as-needed											0	\$ -
<b>3.3</b>	<b>TASK 3 - 10% UPRR SUBMITTAL, 35% STREET IMPROVEMENTS, STREET LIGHTING &amp; TRAFFIC SIGNAL PLANS</b>												
	3.3-1 - 10% UPRR SUBMITTAL	2	15	24	0	0	0	0	0	0	0	41	\$6,285
	3.3-2 - 35% STREET IMPROVEMENTS											0	\$0
	3.3-3 - STREET LIGHTING & TRAFFIC SIGNAL PLANS	2	15	24								41	\$6,285
<b>3.4</b>	<b>TASK 4 - 25% UPRR SUBMITTAL</b>												
	3.4-1 - 25% UPRR SUBMITTAL	0	0	0	0	0	0	0	0	0	0	0	\$0
<b>3.5</b>	<b>TASK 5 - 30% UPRR FIELD MEETING</b>												
	3.5-1 - 30% UPRR FIELD MEETING	0	0	0	0	0	0	0	0	0	0	0	\$0
<b>3.6</b>	<b>TASK 6 - 30% UPRR SUBMITTAL, 65% STREET IMPROVEMENTS SUBMITTAL, 65% STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE &amp; STRIPING SUBMITTAL</b>												
	3.6-1 - 30% UPRR SUBMITTAL	10	53	63	0	0	0	0	0	0	0	126	\$19,945
	3.6-2 - 65% STREET IMPROVE. SUBMITTAL											0	\$0
	3.6-3 - 65% STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE & STRIPING SUBMITTAL	10	53	63								126	\$19,945
<b>3.7</b>	<b>TASK 7 - 90% PS&amp;E SUBMITTAL</b>												
	90% SUBMITTALS FOR : - UPRR AT-GRADE X-ING SAFETY IMPROVE., - STREET IMPROVE., - SIGNING & STRIPING, ST. LIGHT & SIGNAL, - AGREEMENTS, PROJECT COST (UPDATES), - CONST. STAGING PLANS, DETOUR PLANS AND CONST. SCHEDULE, - UPRR 90% PACKAGE	6	56	115	0	0	0	0	0	0	0	177	\$26,480
	3.7-1 - 90% UPRR AT-GRADE CROSSING SAFETY IMPROVEMENTS PLANS SUBMITTAL											0	\$0
	3.7-2 - 90% STREET IMPROVEMENTS SUBMITTAL											0	\$0
	3.7-3 90% SIGNING AND STRIPING PLANS SUBMITTAL			12	20							32	\$4,820
	3.7-4 - 90% STREET LIGHTING AND SIGNAL DESIGN SUBMITTAL	4	26	39								69	\$10,660
	3.7-5 - AGREEMENTS											0	\$0
	3.7-6 - PROJECT COST (UPDATES)		2	8								10	\$1,410
	3.7-7 - CONSTRUCTION STAGING PLANS, DETOUR PLANS AND CONSTRUCTION	2	16	48								66	\$9,590
	3.7-8 - UPRR 90% SUBMITTAL PACKAGE											0	\$0
<b>3.8</b>	<b>TASK 8 - 100% / FINAL PS&amp;E SUBMITTAL</b>												
	100% SUBMITTAL FOR: - FINAL PS&E, UPRR PACKAGE, - CONSTRUCTION MANAGER FILE	4	28	80	0	0	0	0	0	0	0	112	\$16,360
	3.8-1 - 100% / FINAL PS&E DOCUMENTS	4	28	80								112	\$ 16,360
	3.8-2 - UPRR 100% / FINAL SUBMITTAL PACKAGE											0	\$ -
	3.8-3 - CONSTRUCTION MANAGER FILE											0	\$ -
<b>3.9</b>	<b>TASK 9 - CAMERA READY SUBMITTAL</b>												
	CAMERA READY SUBMITTAL	2	8	24	0	0	0	0	0	0	0	34	\$4,990
	3.9 - CAMERA READY SUBMITTAL	2	8	24								34	\$4,990
<b>3.1</b>	<b>TASK 10 - SPECIAL WORK ASSIGNMENTS</b>												
	SPECIAL STUDIES / OPTIONAL SERVICES	0	0	0	0	0	0	0	0	0	0	0	\$0
	- TBD											0	\$0
												0	\$0
	Total Hours	32	202	306	0	0	0	0	0	0	0	540	
	Loaded Billing Rates (\$/hr.)	195.00	185.00	130.00	50.00	1.00	1.00	1.00	1.00	1.00		154.43	
	Extended Amounts / ck	\$6,240	\$37,370	\$39,780	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$83,390	\$83,390

Ck Total Hrs. - 540

	Labor	ODC	TOTAL
<b>Sub consultants:</b>			
LIN Consulting - Traffic (DBE)	\$83,390.00	\$305.00	\$83,695.00
<b>TOTAL</b>	\$83,390.00	\$305.00	\$83,695.00



**SAN GABRIEL VALLEY COUNCIL of GOVERNMENTS ALAMEDA CORRIDOR-EAST PROJECT**  
**ATTACHMENT "B"**  
**Consultant Name: Guida Surveying**  
**Detailed Labor & Fee Breakdown - MONTEBELLO AT-GRADE CROSSING SAFETY IMPROVEMENTS (Vail - ONLY)**  
**TASK ORDER # 3 - FINAL DESIGN PHASE**

Task	Labor Classifications	Guida Surveying											Total Hours	Total \$\$ Amt.	
		Principal Land Surveyor	Project Manager	2 Man Survey Crew	Project Surveyor	Project Coordinator	TBD	TBD	TBD	TBD	TBD	TBD			
	Hourly Billing Rates	205.00	180.00	285.00	160.00	85.00	-	-	-	-	-	-	-	-	-
<b>3.1</b>	<b>TASK 1 - PROJECT MANAGEMENT /COORDINATION / ADMIN.</b>														
	PROJECT MGMT/COORDINATION & ADMIN.	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.1-1 - PROJ. MGT PLAN & PM														\$-
	3.1-2 - COORDINATION/ADMINISTRATION & PERMITS	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.1-2a - COORDINATION AND MEETINGS														\$-
	3.1-2b - ADMINISTRATION AND PERMITS														\$-
	3.1-3 - SCHEDULES														\$-
	3.1-4 - PROGRESS REPORTS														\$-
	3.1-5 - QA / QC														\$-
	3.1-6 - PUBLIC OUTREACH														\$-
	3.1-7 - CPUC COORDINATION & UPRR 25% - 30% SITE VISIT REVIEW														\$-
<b>3.2</b>	<b>TASK 2 - DATA COLLECTION, RESEARCH, FIELD SURVEY &amp; POTHOLING SUPPORT</b>														
	3.2-1 DATA COLLECTION & RESEARCH														\$-
	3.2-2 POTHOLING														\$-
	3.2-3 DESIGN SUVEYS	1	3	24	24	3	0	0	0	0	0	0	55	\$11,680	
	3.2-1 - DATA COLLECTION & RESEARCH														\$-
	3.2-2 - POTHOLING - N/A = BY CONTRACTOR DURING CONSTRUCTION														\$-
	3.2-3 - DESIGN SURVEYS - 3 days as-needed	1	3	24	24	3							55	\$ 11,680	
<b>3.3</b>	<b>TASK 3 - 10% UPRR SUBMITTAL, 35% STREET IMPROVEMENTS, STREET LIGHTING &amp; TRAFFIC SIGNAL PLANS</b>														
	3.3-1 - 10% UPRR SUBMITTAL														\$0
	3.3-2 - 35% STREET IMPROVEMENTS														\$0
	3.3-3 - STREET LIGHTING & TRAFFIC SIGNAL PLANS														\$0
<b>3.4</b>	<b>TASK 4 - 25% UPRR SUBMITTAL</b>														
	3.4-1 - 25% UPRR SUBMITTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
<b>3.5</b>	<b>TASK 5 - 30% UPRR FIELD MEETING</b>														
	3.5-1 - 30% UPRR FIELD MEETING	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
<b>3.6</b>	<b>TASK 6 - 30% UPRR SUBMITTAL, 65% STREET IMPROVEMENTS SUBMITTAL, 65% STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE &amp; STRIPING SUBMITTAL</b>														
	3.6-1 - 30% UPRR SUBMITTAL														\$0
	3.6-2 - 65% STREET IMPROVE. SUBMITTAL														\$0
	3.6-3 - 65% STREET LIGHTING, TRAFFIC SIGNAL, SIGNAGE & STRIPING SUBMITTAL														\$0
<b>3.7</b>	<b>TASK 7 - 90% PS&amp;E SUBMITTAL</b>														
	90% SUBMITTALS FOR : - UPRR AT-GRADE X-ING SAFETY IMPROVE., - STREET IMPROVE., - SIGNING & STRIPING, - ST. LIGHT & SIGNAL, - AGREEMENTS, PROJECT COST (UPDATES), - CONST. STAGING PLANS, DETOUR PLANS AND CONST. SCHEDULE, - UPRR 90% PACKAGE	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.7-1 - 90% UPRR AT-GRADE CROSSING SAFETY IMPROVEMENTS PLANS SUBMITTAL														\$0
	3.7-2 - 90% STREET IMPROVEMENTS SUBMITTAL														\$0
	3.7-3 - 90% SIGNING AND STRIPING PLANS SUBMITTAL														\$0
	3.7-4 - 90% STREET LIGHTING AND SIGNAL DESIGN SUBMITTAL														\$0
	3.7-5 - AGREEMENTS														\$0
	3.7-6 - PROJECT COST (UPDATES)														\$0
	3.7-7 - CONSTRUCTION STAGING PLANS, DETOUR PLANS AND CONSTRUCTION														\$0
	3.7-8 - UPRR 90% SUBMITTAL PACKAGE														\$0
<b>3.8</b>	<b>TASK 8 - 100% / FINAL PS&amp;E SUBMITTAL</b>														
	100% SUBMITTAL FOR: - FINAL PS&E, UPRR PACKAGE, - CONSTRUCTION MANAGER FILE	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	3.8-1 - 100% / FINAL PS&E DOCUMENTS														\$-
	3.8-2 - UPRR 100% / FINAL SUBMITTAL PACKAGE														\$-
	3.8-3 - CONSTRUCTION MANAGER FILE														\$-
<b>3.9</b>	<b>TASK 9 - CAMERA READY SUBMITTAL</b>														
	CAMERA READY SUBMITTAL	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
<b>3.1</b>	<b>TASK 10 - SPECIAL WORK ASSIGNMENTS</b>														
	SPECIAL STUDIES / OPTIONAL SERVICES	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
	- TBD														\$0
															\$0
	Total Hours	1	3	24	24	3	0	0	0	0	0	0	55		
	Loaded Billing Rates (\$/hr.)	205.00	180.00	285.00	160.00	85.00	-	-	-	-	-	-	212.36		
	Extended Amounts / ck	\$205	\$540	\$6,840	\$3,840	\$255	\$0	\$0	\$0	\$0	\$0	\$0	\$11,680		\$11,680

Ck Total Hrs. - 55

	Labor	ODC	TOTAL
Sub consultants:			
Guida - Survey (SBE)	\$11,680.00	\$1,420.00	\$13,100.00
<b>TOTAL</b>	<b>\$11,680.00</b>	<b>\$1,420.00</b>	<b>\$13,100.00</b>

**SAN GABREIL VALLEY COUNCIL of GOVERNMENTS  
ALAMEDA CORRIDOR-EAST PROJECT**

**ATTACHMENT "B"**

**Moffatt & Nichol**

**Detailed ODC'S**

**Task Order # 3- Final Design**

**MONTEBELLO AT-GRADE CROSSING SAFETY IMPROVEMENTS (Vail Avenue)**

	<u>Estimate</u>	<u>units</u>	<u>\$/unit</u>	<u>Total</u>
<b>Travel</b>				
Assume 8 trips for PDT meetings & 8 by WebEX	480	miles	\$ 0.575	\$276.00
Assume 6 trips for Coordination meetings	360	miles	\$ 0.575	\$207.00
Miscellaneous Travel	100	miles	\$ 0.575	\$57.50
Parking		each	\$ 12.00	\$0.00
		each		\$0.00
		day		\$0.00
<b>Communications</b>				
Fed Ex	10	each	\$ 15.00	\$150.00
Fed Ex within M & N Team		each	\$ 15.00	\$0.00
Miscellaneous postage	2	LS	\$ 50.00	\$100.00
Assume 2 messenger trips in 17 months	2	trips	\$ 50.00	\$100.00
Misc. Long distance Calls/fax		LS	\$ -	\$0.00
<b>Printing/Graphics</b>				
Color Plots - outside service	4	sheets	\$ 10.00	\$40.00
Graphics for reports	1	LS	\$ 200.00	\$200.00
Color Xerox	8	sheets	\$ 1.00	\$8.00
Printing of Reports (8.5x11)	100	sheets	\$ 0.10	\$10.00
Printing of Reports (11x17)	50	sheets	\$ 0.20	\$10.00
Blue line		drawings	\$ -	\$0.00
Special Prints (Full size mylars)		LS		\$0.00
Misc. Outside Printing/Plotting	1	LS	\$ 551.50	\$551.50
<b>RR Protective Insurance - Estimate</b>	1	LS	\$ 3,000.00	\$3,000.00
<b>RR - Right of Entry Application Fees ( ROE)</b>	1	Each	\$ 565.00	\$565.00
<b>RR Access - Contractor Endorsement Fees ( ROE)</b>	1	Each	\$ 500.00	\$500.00
<b>ROE Agreement - Estimate</b>	1	LS	\$ 5,000.00	\$5,000.00
<b>City Business Licenses</b>	1	LS	\$ 300.00	\$300.00

**\$11,075.00**

**Sub Consultant ODC**

Diaz-Yourman - Geotech  
LIN Consulting Traffic  
Guida - Surveying

**TOTAL ODC = \$11,075.00**

**SAN GABREIL VALLEY COUNCIL of GOVERNMENTS  
ALAMEDA CORRIDOR-EAST PROJECT**

**ATTACHMENT "B"**

**HDR**

**Detailed ODC'S**

**Task Order # 3- Final Design**

**MONTEBELLO AT-GRADE CROSSING SAFETY IMPROVEMENTS (Vail - ONLY)**

	<u>Estimate</u>	<u>units</u>	<u>\$/unit</u>	<u>Total</u>
<b>Travel</b>				
Assume 9 trips for PDT meetings	500	miles	\$ 0.545	272.50
Assume 8 trips for Coordination meetings		miles	\$ 0.575	\$0.00
Miscellaneous Travel		miles	\$ 5.00	0.00
Parking		each		0.00
		each		0.00
		day		0.00
<b>Communications</b>				
Fed Ex		each	\$ 15.00	0.00
Fed Ex within D+H Team	1	each	\$ 30.50	30.50
Miscellaneous postage		LS	\$ 50.00	0.00
Assume XX messenger trips in YY months		trips	\$ -	0.00
Misc Long distance Calls/fax		LS		0.00
<b>Printing/Graphics</b>				
			\$ 10.00	
Color Plots - outside service	1	sheets	\$ 240.00	240.00
Graphics for reports		LS	\$ 1.00	0.00
Color Xerox		sheets	\$ 0.10	0.00
Printing of Reports (8.5x11)		sheets	\$ 0.20	0.00
Printing of Reports (11x17)		sheets	\$ -	0.00
Blueline		drawings	\$ -	0.00
Special Prints (Full size mylars)		LS		0.00
Misc. Outside Printing/Plotting		LS		0.00
<b>Miscellaneous</b>				
VanDevanter Visualization Updates		LS	\$ 10,000.00	0.00
<b>Phase I Expenses</b>				
Corridor Update - EDR Database Reports		EA	\$ 550.00	0.00
Focus Area - EDR Database Reports		EA	\$ 550.00	0.00
<b>Phase II Expenses:</b>				
Sampling Equipment		LS	\$ 5,500.00	0.00
Laboratory Testing		LS	\$ 42,930.00	0.00
Drilling - First Mobilization		LS	\$ 19,365.00	0.00
Geophysical Survey - First Mobilization		LS	\$ 6,552.00	0.00
Drilling - Second Mobilization		LS	\$ 16,745.00	0.00
Geophysical Survey - First Mobilization		LS	\$ 5,460.00	0.00
Traffic Control		LS	\$ 10,548.00	0.00
Waste T & D		LS	\$ 560.00	0.00
<b>Permit Fees</b>				
		Each		0.00
City of Montebello encroachment permits		EA	\$ 200.00	0.00
City of Montebello business license		LS	\$ 1,000.00	0.00
				<hr/> <hr/> <b>543.00</b>

**SAN GABREIL VALLEY COUNCIL of GOVERNMENTS  
ALAMEDA CORRIDOR-EAST PROJECT**

**ATTACHMENT "B"**

**LIN Consulting**

**Detailed ODC'S**

**Task Order # 3- Final Design**

**MONTEBELLO AT-GRADE CROSSING SAFETY IMPROVEMENTS (Vail - ONLY)**

	<u>Estimate</u>	<u>units</u>	<u>\$/unit</u>	<u>Total</u>
<b>Travel</b>				
Assume 1 trips for PDT meetings	240	miles	\$ 0.540	\$129.60
Assume 6 trips for Coordination meetings	240	miles	\$ 0.540	\$129.60
Assume 1 public meeting	40	miles	\$ 0.540	\$21.60
Assume 4 city council meetings		miles	\$ 0.540	\$0.00
Assume 4 property meetings		miles	\$ 0.540	\$0.00
Assume 1 field trips	40	miles	\$ 0.540	\$21.60
Delivery to ACE		miles	\$ 0.540	\$0.00
Parking		each	\$ 1.00	\$0.00
		each		\$0.00
		day		\$0.00
<b>Communications</b>				
Fed Ex		each	\$ 30.00	\$0.00
Fed Ex within D+H Team		each	\$ 15.00	\$0.00
Miscellaneous postage		LS		\$0.00
Assume XX messenger trips in YY months		trips	\$ 50.00	\$0.00
Misc Long distance Calls/fax		LS	\$ -	\$0.00
<b>Printing/Graphics</b>				
Color Plots - outside service		sheets	\$ 10.00	\$0.00
Graphics for reports		LS		\$0.00
Printing of Reports BW (8.5x11)		sheets	\$ 0.08	\$0.00
Printing of Reports Color (8.5x11)		sheets	\$ 0.29	\$0.00
Printing of Reports (Color 11x17)		sheets	\$ 0.89	\$0.00
Spiral		each	\$ 2.95	\$0.00
Special Prints (Full size mylars)		LS		\$0.00
Misc. Outside Printing/Plotting		LS		\$2.60
<b>Miscellaneous</b>				
Traffic Counts		LS		
<b>Permit Fees</b>				
		Each		\$0.00
				\$0.00
				<u><u>\$305.00</u></u>

**TOTAL ODC = \$305.00**

**SAN GABREIL VALLEY COUNCIL of GOVERNMENTS  
ALAMEDA CORRIDOR-EAST PROJECT**

**ATTACHMENT "B"**

**Guida Surveying**

**Detailed ODC'S**

**Task Order # 3- Final Design**

**MONTEBELLO AT-GRADE CROSSING SAFETY IMPROVEMENTS (Vail - ONLY)**

	<u>Estimate</u>	<u>units</u>	<u>\$/unit</u>	<u>Total</u>
<b>Travel</b>				
Assume 1 trips for PDT meetings to ACE		miles	\$ 0.575	\$0
Assume 2 trips for Coordination meetings to M&N		miles	\$ 0.575	\$0
Miscellaneous Travel	234	miles	\$ 0.575	\$135
Parking		each	\$ 1.00	\$0
Enchoachment Permit	1	each	\$ 100.00	\$100
UPRR Flagman	0	day	#####	\$0
UPRR Saftey Trainning (2 people)	4	each	\$ 285.00	\$1,140
<b>Communications</b>				
Fed Ex Oblique Photos		each	\$ 100.00	\$0
Fed Ex within D+H Team		each	\$ 20.00	\$0
Miscellaneous postage		LS		\$0
Assume XX messenger trips in YY months		trips	\$ 50.00	\$0
Misc Long distance Calls/fax		LS	\$ -	\$0
<b>Printing/Graphics</b>				
Color Plots - outside service		sheets	\$ 10.00	\$0
Graphics for reports		LS		
Color Xerox		sheets	\$ 1.00	\$0
Printing of Reports (8.5x11)		sheets	\$ 0.10	\$0
Printing of Reports (11x17)		sheets	\$ 0.20	\$0
Blueline		drawings	\$ -	\$0
Special Prints (Full size mylars)		LS		\$0
Outside Printing/Plotting		LS		\$45.45
<b>Miscellaneous</b>				
Aerial Mapping		LS		
Color Oblique Photos Mounted		LS		
<b>Preliminary Title Reports</b>		LS		
<b>Roadway Worker Certification</b>		Each	\$ 70.00	\$0.00
<b>Roadway Worker Certification Set Up</b>		LS		\$0.00
		LS		
				<hr/> <hr/> <b>\$1,420.00</b>

**TOTAL ODC = \$1,420.00**



moffatt & nichol

4225 E. Conant Street  
 Long Beach, CA 90808  
 Phone: (562) 590-6500

EXHIBIT "C"

Attn: Andres Ramirez  
 Client: San Gabriel Valley Council of Governments  
 4900 Rivergrade Road, Suite A120  
 Irwindale, CA 91706

Date: 05/12/20  
 Project No.: 9003-03  
 Contract Rev.: # 5

**PROJECT: MONTEBELLO PROJECT**

Contract No.: 15-02

Task Order No. 3 - Phase III - Final Design At-Grade Crossing Safety Improvements

**Contract Rev. # 5**

**VAIL ONLY - Task & Budget Breakdown**

VAIL ONLY - Task Breakdown	Description	Task Budget per BR #1	Contract Rev. # 5	Revised Budget Amt.
<b>PHASE / Task</b>		<b>INTERIM / FINAL DESIGN SERVICES</b>		
3.1	<b>Task 1 -Project Management / Coordination / Administration</b>			
3.1-01 & 02	Project Management / PM Plan / Coordination / Admin., Meetings & Permits	\$ 73,133.00	\$15,617.00	\$88,750.00
3.1-03, 04 & 05	Schedule / Progress Report / QA/QC Memo Update	\$ 37,852.00	\$7,148.00	\$45,000.00
3.1-06	Public Outreach Program, Property Owner & Stakeholder Mtgs.	\$ 15,790.00	\$4,210.00	\$20,000.00
3.1-07	CPUC Coordination	\$ 26,258.00	\$7,322.00	\$33,580.00
3.2	<b>Task 2 - Data Collections / Research, Field Survey &amp; Potholing</b>	\$ 26,620.00		\$26,620.00
3.3	<b>Task 3 - 10% UPRR &amp; 35% Street Improvement, Street Lighting &amp; Traffic Signal Plan Submittals</b>	\$ 21,092.00	\$16,288.00	\$37,380.00
3.4	<b>Task 4 - 25% UPRR Submittal</b>	\$ 15,255.00	\$4,775.00	\$20,030.00
3.5	<b>Task 5 - 30% UPRR Field Mtg</b>	\$ 11,671.00	\$3,329.00	\$15,000.00
3.6	<b>Task 6 - 30% UPRR &amp; 65% Street Improvement, Street Lighting, Traffic Signal, Siganage &amp; Striping Plan Submittals</b>	\$ 82,968.00	\$17,032.00	\$100,000.00
3.7	<b>Task 7 - 90% UPRR &amp; Street Improvement PS&amp;E Submittal</b>	\$ 44,675.00	\$34,325.00	\$79,000.00
3.8	<b>Task 8 - 100% / Final UPRR &amp; Street Improvement PS&amp;E Submittal</b>	\$ 68,766.00	\$3,234.00	\$72,000.00
3.9	<b>Task 9 - Camera Ready Submittal</b>	\$ 35,782.00	\$1,433.00	\$37,215.00
3.10	<b>Task 10 Special Work Assignments (see below)</b>	\$ 18,850.00		\$18,850.00
XY	ODC	\$ 31,438.00	(\$18,095.00)	\$13,343.00
<b>Sub Total Lump Sum Portion:</b>		<b>\$ 510,150.00</b>	<b>\$96,618.00</b>	<b>\$606,768.00</b>
<b>Optional Tasks</b>	<b>Special Studies</b>			
3.8-01	Traffic Memo - Maple Closure	\$ 21,150.00		\$21,150.00
		\$ -		
	<b>Subtotal:</b>	<b>\$ 21,150.00</b>		<b>\$21,150.00</b>
<b>TASK ORDER NO. 3 VAIL ONLY AMOUNT :</b>		<b>\$ 531,300.00</b>	<b>\$96,618.00</b>	<b>\$627,918.00</b>

<b>TASK ORDER NO. 3 ORIGINAL AMOUNT:</b>	<b>\$ 531,300.00</b>
<b>Contract Amendments / Revisions:</b>	
<b>Contract Revisions # 5:</b>	<b>\$96,618.00</b>
<b>TOTAL REVISED CONTRACT AMOUNT</b>	<b>\$ 627,918.00</b>



4900 Rivergrade Rd. Ste. A120 Irwindale, CA 91706 (626) 962-9292 fax (626) 962-3552 www.theaceproject.org



Memo to: Capital Projects and Construction Committee Members & Alternates

From: Mark Christoffels, Chief Engineer

Date: June 22, 2020

SUBJECT: Capital Projects Federal Legislative Update

**RECOMMENDATION:** Staff recommends the Committee receive and file an oral Federal Legislative Update from Kevin Jones, the Washington, D.C lobbyist for the ACE Project and the SR 57/60 Project, and provide direction to staff. Mr. Jones' presentation will focus on the multi-year surface transportation program legislation introduced in the Senate and House, particularly as the bills relate to funding opportunities for San Gabriel Valley priority transportation projects. He will also discuss the outcome of the current round of INFRA highway and freight grant applications, with proposed awards expected to be announced by USDOT no later than June 17.

**BACKGROUND:**

Reauthorization of Federal Transportation Law -- There have been noteworthy developments with respect to the multi-year reauthorization of Federal transportation law over the last year, in anticipation of the expiration of current law (FAST Act) on September 30.

Funding levels in the proposals released are outlined in the chart below:

Committee/Other	Title	Total Funding / Vs. FAST Act	Term	Released
Senate EPW	America's Transportation Infrastructure Act	\$287 billion / (+27%)	5 yrs.	July 2019
Trump Admin.	Budget for America's Future	\$810 billion	10 yrs.	Feb. 2020
House T&I	Invest in America Act	\$494 million / (+46%)	5 yrs.	June 2020

While all three proposals contain robust levels of funding above those authorized in the current FAST Act, the Investing in a New Vision for the Environment and Surface Transportation in America (INVEST in America) Act notably contains a number of provisions supported and proposed by the SGVCOG that are highly favorable to San Gabriel Valley priority highway, grade separation, transit and active transportation projects. The bill released by the House Transportation and Infrastructure Committee serves as a significant first step toward the enactment of a more expansive and robust transportation law, which the SGVCOG has been a strong advocate for since the passage of the FAST Act in 2015.

Among other things, the INVEST Act calls for the investment of \$319 billion for highway programs, \$105 million for transit programs, \$60 billion for rail programs, and \$5.3 billion for highway safety programs. Several new and reauthorized programs included in this legislation are of great interest to the SGVCOG:

- Projects of National and Regional Significance Discretionary Grants Program (*new*)

- Provides funding to establish a new discretionary grant program for a project category established in prior law
- ACE was previously designated as one of the first Projects of National and Regional Significance
- More than \$9 billion over four years for large highway, transit and freight projects that cannot be funded through annual apportionments or other discretionary sources.
- Grade Crossing Separation Discretionary Grant Program (*new*)
  - Establishes a new discretionary grant program dedicated to rail/highway grade crossing separation projects like the ACE projects.
  - \$2.5 billion over four years.
- Substantially Revised Railway Crossings Statutory Title
  - Establishes a standalone railway crossing program for purposes of the railway-highway crossing set aside in the existing highway formula allocations to the States.
  - Affirms that the elimination of hazards at railway crossings represents a benefit to the railroad.
  - Strengthens provisions requiring railroads to contribute a share of railway-highway grade crossing improvement total project costs.
  - Clarifies and improves the standards for determining the railroad's share of total project costs.
- Reauthorized the INFRA grant program for one year at the prior year (FY 2020) funding level.
- Consolidated Rail Infrastructure and Safety Improvements (CRISI) Program
  - \$7 billion over five years for passenger and freight rail projects.
  - Expands project eligibility beyond existing law to include quiet zones among other projects.
- New 10 minute statutory limit for blocked grade crossings.
- A Federal study of a new fee on multimodal surface transportation services
  - Such a fee could be used to provide much needed additional funding for highway programs.
  - This fee could be consistent with the fee already proposed by Congressman Lowenthal and supported by the SGVCOG.
- Community Transportation Investment Grants Program
  - \$600 million annually for four years for local government applicants.
  - Broad eligibility for highway and transit projects, with project evaluation done in a manner that will limit political decision-making.
- Active Transportation Connectivity Grants
  - \$250 million for pedestrian and bicycle networks and spines and related planning, including complete streets planning.



The House Transportation and Infrastructure Committee will consider the INVEST in America Act at a Committee markup scheduled for Wednesday, June 17. The bill could come to a House floor vote in early July. While there is obviously much to be excited about in this bill, it is important to keep in mind that the House bill, unlike the Senate bill, does not have Republican committee member support, making it more difficult to move forward. In addition, revenue sources for the House and Senate bills still need to be agreed to.

Status of SR 57/60 Confluence Bottleneck Relief Project's INFRA grant application – As of the date of this Memorandum, the Department of Transportation is expected to transmit its list of recommended INFRA grant awardees to Congress on June 17. If this date holds, we will know whether the Project has been awarded a grant at the time of the Committee Meeting. There has been substantial follow up and advocacy for the SR 57/60 Project application and we believe the application is highly regarded. As has been the case in prior rounds, the INFRA program is greatly oversubscribed.