



Alameda Corridor-East Construction Authority

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

ALAMEDA CORRIDOR-EAST CONSTRUCTION AUTHORITY BOARD OF DIRECTORS REGULAR MEETING AGENDA Monday, July 25, 2016 – 1:00 P.M. Montebello City Hall 1600 W. Beverly Blvd. Montebello, CA 90640

Members of the public may comment on any item on the agenda at the time it is taken up by the Board. 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 Board on a single item, the Chair may impose a three-minute time limit on individual remarks at the beginning of the discussion.

Montebello City Hall is accessible to persons using wheelchairs and with other disabilities. Informational material will be available in large print. Assistive listening devices, materials in other alternate formats, American Sign Language interpreters and other accommodations will be made available upon request. Requests should be made to Deanna Stanley at 626-962-9292 ext. 142 or dstanley@theaceproject.org. Providing at least 72 hours notice will help ensure availability.

- I. Pledge of Allegiance
- II. Roll Call and Introductions
- III. Public Comment
- IV. Approval of Regular Meeting Minutes of June 27, 2016 (Pages 1 – 4) Action
- V. Chairman’s Remarks
- VI. Board Member Comments
- VII. Chief Executive Officer’s Report (Pages 5 – 6) Information
- VIII. Project Construction Progress Reports Information
- IX. Presentation of Safety & Infrastructure Improvements by Metrolink CEO Art Leahy Information

The ACE Construction Authority is constituted of seven (7) member jurisdiction; the Cities of El Monte, Industry, Montebello, San Gabriel and Pomona, the County of Los Angeles and the San Gabriel Valley Council of Governments. A San Bernardino County Council of Governments representative is an ex-officio Board member. Each member or alternate has one vote. A quorum of the ACE Construction Authority is no less than four (4) of its total voting membership. Actions taken by the ACE Construction Authority shall be by simple majority of the members present with a quorum in attendance except for personnel actions, the annual budget, matters dealing with the Administrative Code or matters requiring subsequent approval by the SGVCOG, all of which shall require five (5) votes. All disclosable public records related to this meeting are available for viewing at the ACE office above during normal working hours.

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|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------|
| X. | Approval of Modification to the Montebello Corridor Project | (Pages 7 – 8) | Action |
| XI. | Approval of Betterment Agreement with the Cities of Industry and Diamond Bar for Improvements to State Route 60 Specifically, Construction of On/Off Ramps to Connect Lemon Avenue to the Freeway to be done in Conjunction with the Fairway Drive Grade Separation Project | (Pages 9 – 17) | Action |
| XII. | Approval of Construction Contract Amendment with OHL USA, Inc. for the Construction of Cities of Industry and Diamond Bar requested Betterments to State Route 60 in Conjunction with the Fairway Drive Grade Separation Project | (Page 18) | Action |
| XIII. | Approval of Distribution Pipe Relocation Work Payment Reconciliation for Southern California Gas Company for the Nogales Street Grade Separation Project | (Page 19) | Action |
| XIV. | Approval of Acceptance of Close-Out Contract with AECOM Technical Services, Inc. for Construction Management Services | (Page 20) | Action |
| XV. | Approval of Acceptance of Close-Out Design Contract with AECOM, USA, Inc. for the Baldwin Avenue Grade Separation Project | (Page 21) | Action |
| XVI. | Receive and File Quarterly Project Progress and Financial Reports | (Pages 22 – 30) | Action |
| XVII. | Receive and File Environmental Mitigation Monitoring Reports | (Pages 31 – 49) | Action |
| XVIII. | Closed Session: The Board will adjourn to closed session in accordance with Government Code Section 54957 to discuss the performance review of the Chief Executive Officer | | Discussion |
| XIX. | Adjournment | | Action |



If you would like to receive the ACE Board agenda electronically, please email Amy Hanson at ahanson@theaceproject.org



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ACE Construction Authority Board of Directors Special Meeting June 27, 2016 Minutes

Chairman Hadjinian called the meeting of the Board of Directors of the Alameda Corridor-East Construction Authority to order at 1:012PM at the Montebello Council Chambers.

1. **Pledge of Alliance** –Montebello Public Works Director Danilo Batson led the pledge of allegiance.
2. **Roll Call:** In attendance was:
Jack Hadjinian, Chair
Juli Costanzo, Vice Chair
Mark Radecki
Michael Antonovich

Staff:

Mark Christoffels, CEO
Gregory Murphy, BWS, legal counsel
Deanna Stanley
Ricky Choi
Genichi Kanow
Charles Tsang
Phil Balmeo
Paul Hubler
Nathan Bocanegra

Guests:

Victoria Shin Park, Citadel CPM
Richard Rea, Senator Bob Huff
Clem Caluth, City of Industry
Joshua Nelson, City of Industry
Romeo Firme, David Evans & Associates
Charlie Nakamoto, Jacobs Engineering
Ray Swede
Ray Broguiere, Brouguiere Dairy
Larry Salazar

3. **Public Comments** – Ray Steward addressed the Board and asked for their pledge of support to protect the Broguiere Dairy with regard to a proposed project in Montebello.

Larry Salazar addressed the board and requested clarification on timely noticing property owners who were potentially affected by the proposed Montebello project. He indicated his concern was that the May community meeting was the first communication to affected property owners. He also asked for clarification between the Montebello project currently

being proposed and the project considered one year ago. He asked why there were so many changes to the project.

Chairman Hadjinian responded that notices were mailed to property owners. He explained there was one notice returned undeliverable. He stated that any claim of no communication from ACE was untrue. He explained the Montebello Council approved ACE to prepare a concept design, recognizing safety as a priority. He shared that while he originally agreed that a trench project was best for Montebello he has now become more familiar with construction requirements, he firmly understands a trench is not an option.

Mr. Christoffels responded that notices were mailed to property owners and/or tenants as well as hand delivered. He indicated there were two occasions that the mailer was returned as undeliverable. He indicated he would share all of the information regarding the concept design at the July Council meeting.

Mr. Broguiere commented ACE was the most consistent, inconsistent Board ever.

4. **Approval of June 6, 2016 Special Meeting minutes** – A motion was made to approve the June 6, 2016 Special meeting minutes.
M/S/C/Costanzo/Radecki/Unanimous
6. **Chairman Remarks** – Chairman Hadjinian thanked staff for the successful Nogales Street grade separation opening.
6. **Board Member Comments** – Vice Chair Costanzo indicated there was a get well card being circulated for member Messina.
7. **Chief Executive Officer's Report** – Mr. Christoffels indicated he had no additional information to report other than what was included in the agenda.
8. **Project Construction Progress Reports** – Genichi Kanow review project progress photos for the Puente Avenue grade separation project. Charles Tsang reviewed media coverage of the Nogales ribbon cutting event and a photo diary of the construction of the project. Phil Balmeo reviewed project progress photos of the San Gabriel Trench project.
9. **Approval to Eliminate the SANBAG Non-Voting Ex-Officio Position on the ACE Board** – Chairman Hadjinian indicated he did not see interest by SANBAG to participate on the ACE Board and requested the Board approve eliminating the seat. There were no questions.

A motion was made to eliminate the SANBAG Non-Voting Position on the ACE Board.

M/S/C/Costanzo/Radecki/Unanimous

10. **Approval of Award of Annual Support Services Task Orders and Amendments for Support Services**– Legal Counsel, Greg Murphy recused himself from the meeting. Mr. Christoffels reviewed the support services consultants, their tasks and amendment or task values through June 30, 2017. There were no questions.

A motion was made to approve the annual task orders for support services as follows:

- Burke, Williams & Sorensen, LLC annual task order for \$1,285,000;
- Capital Representation Group contract amendment for \$55,000;
- David Lang & Associates annual task order for \$74,845;
- Epic Land Solutions, Inc. annual task order for \$264,839;
- HDR Engineering, Inc. annual task order for \$116,032;
- Ken Spiker & Associates contract amendment for \$50,000;
- LSA Associates, Inc. annual task order for \$735,649;
- Lee Andrews Group, Inc. annual task order for \$1,021,087;
- Lubka & White, LLP annual task order for \$75,000;
- MWH Americas, Inc. annual task order for \$662,052;
- Oliver Sandifer & Murphy annual task order for \$370,000;
- Paragon Partners, Ltd. annual task order for \$1,432,050;
- Prince Global Solutions, LP contract amendment for \$180,000;
- Vasquez and Company annual task order for \$40,700; and
- Wagner Engineering & Survey annual task order for \$79,192.

M/S/C/Rothman/Costanzo/Unanimous

11. **Approval of Natural Gas Regulator Station Relocation Work Order with Southern California Gas Company for the Fullerton Road Grade Separation Project** – Mr. Christoffels reported that the project at Fullerton Road requires various utility relocations including design and construction of a natural gas regulator station relocation, work to be completed by the Southern California Gas Company. He indicated staff has received a work order and their estimate for the necessary work.

A motion was made to authorize the Chief Executive Officer to process the Natural Gas Regulator Station Relocation Work Order with Southern California Gas company for the design and construction of a natural gas regulator station relocation as part of the Fullerton Road grade separation project.

M/S/C/Costanzo/Radecki/Unanimous

12. **Approval of Electrical Distribution Relocation Work Orders with Southern California Edison for the Fullerton Road Grade Separation Project** - Mr. Christoffels indicated this was similar to the previous item but rather for electrical distribution relocation work with Southern California Edison. There was no discussion.

A motion was made to authorize the Chief Executive Officer to process Electrical Distribution Work Orders with Southern California Edison for the design and construction and aerial electrical facilities as part of the Fullerton Road grade separation project.
M/S/C/Hadjinian/Radecki/Unanimous

13. **Adjournment** – Chairman Hadjinian invited the Board to attend the Montebello July 13 meeting to support an ACE project for the City of Montebello.

Chairman Hadjinian announced that the next meeting of the Board will be held on July 25, 2016. The meeting was adjourned at 1:50pm in memory of his cousin, Wally Arakelian.

X 

Deanna Stanley
Clerk of the Board



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MEMO TO: ACE Construction Authority Board Members & Alternates

FROM: Mark Christoffels
Chief Executive Officer

DATE: July 25, 2016

SUBJECT: CEO Report

The following are items of note since the last meeting:

Fullerton Road Groundbreaking Ceremony - Due to legislative scheduling changes of our invited speakers we have rescheduled the Fullerton Road Grade Separation groundbreaking ceremony to 10:30 a.m. on Friday, September 16th.

FASTLANE Grant Status – The USDOT released its list of FASTLANE freight project awards on July 6th and unfortunately ACE was not successful. We submitted applications for both Durfee Avenue and Montebello projects. Though we did not receive funding during this process be reminded that we do have commitments ensuring full funding for both projects. ACE staff will continue to pursue other grant opportunities as they become available.

Turnbull Canyon Grade Separation – A grade separation project at Turnbull Canyon is a part of the ACE Project and the draft concept design was presented to the City of Industry Council and approved at its July 14th meeting.

Peer Review Audit – ACE was recently audited for external quality control in accordance with guidelines of the Association of Local Governments. Two auditors were on-site for nearly a week to audit the work performed for a period of November 1, 2012 through October 31, 2015 by ACE's internal auditors. The two external auditors were Robert Rubel, Assistant City Auditor from the City of Dallas, Texas and Courtney Smith, City Auditor from the City of Houston, Texas. Their review concluded that ACE was in compliance with Government Auditing Standards. Peer reviews are required and the agency must receive a pass rating in order for us to request release of withheld retention from our funding agency. We can now request \$1.8M be released.

CalPERS Unfunded Liability Payments – In January 2015 I made you aware that in a proactive effort to pay down any unfunded liability due CalPERS upon the planned termination of the contract, we began making additional payments. The January report requested and the Board approved a mid-year budget adjustment necessary as a result of the increased payments. We have recently had further communication with our CalPERS actuary with regard to further increasing the amount of the additional

payments. The additional payments will reduce the amount owed when the CalPERS contract is terminated, expected at the end or nearing the end of the ACE Program. I will increase the amount of our monthly payments. This increase will not have an immediate effect to our budget but should at the end of this calendar year. Therefore we will revisit this line item in January during the mid-year budget review process.

Contracting – Our Administrative Code delegates to the CEO the authority to approve new contracts or change orders for Board-approved contracts within certain limits, with a requirement that I report to the Board any such contract action. Since my last report I have approved the following:

Consultant/Vendor	Reason for Change	Change Amount	Total Contract Value
OHL USA, Inc.	Change Order No. 005. Quantity Adjustments	\$116,400	\$38,753,768

Community Outreach Update – Staff conducted the following project outreach activities:

- Provided staff support for a project tour of the San Gabriel Trench project for City of San Gabriel officials;
- Distributed a construction alert notice for early morning work for the San Gabriel Trench project;
- Distributed a construction alert notice regarding water line relocations for the Fairway Drive project;
- Distributed the ACE Report newsletter;
- Conducted pre-construction surveys of properties located within the Fullerton Road project area; and,
- Conducted ongoing community outreach and support activities for the San Gabriel Trench, Nogales Street, Puente Avenue, Fairway Drive and Fullerton Road grade separation projects.



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MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: July 25, 2016

SUBJECT: Approval of modification to the Montebello Corridor Project to construct a pedestrian overcrossing at the Maple Avenue Crossing in lieu of a roadway undercrossing.

RECOMMENDATION: The City of Montebello and ACE staff recommends approval of a modification to the Montebello Corridor Project to construct a pedestrian overcrossing at the Maple Avenue Crossing in lieu of a roadway undercrossing.

BACKGROUND: On February 25, 2015, the Montebello City Council based on a report from their consultant selected a preferred conceptual design option for modifying the existing at-grade crossings in their community. This approved concept included two (2) grade separations (at Montebello Boulevard and at Maple Avenue) and two (2) quad-safety gates (at Vail Avenue and at Greenwood Avenue) to address safety concerns and traffic circulation at these crossings. They requested that ACE adopt this project into the approved ACE program and initiate further development of the conceptual design.

At the March 2015 ACE Board of Directors meeting, the Board approved a modification to the ACE Program to define the Montebello Corridor Project as a grade separation at Montebello Blvd and Maple Drive and safety improvements at Greenwood and Vail Avenues as requested by the City of Montebello. Shortly thereafter, the Governing Board of the San Gabriel Valley Council of Governments (SGVCOG) also approved this modification to the ACE Program.

ACE awarded a preliminary design contract to the Moffat Nichol Engineering and proceeded to further develop the adopted concept to identify project costs, roadway configurations, and most importantly, property impacts. On May 17, 2016, ACE held a Community Open House Meeting at the Quiet Cannon in Montebello to provide updated progress information and solicit comments about the proposed Montebello Corridor Grade Separation Project. Nearly 90 people attended the meeting. The meeting was publicized with more than 22,000 invitation letters mailed to Montebello residents, businesses and stakeholders. The event was also publicized in advance via an article in the Eastern Group Newspapers.

The results of this meeting and the current development of the design proposed by the City was brought back to the Montebello City Council at their meeting of July 13, 2016 for final consideration, before ACE would proceed with further development of the

project. Community feedback indicated a strong opposition to the proposed Maple Avenue undercrossing based on the significant property impacts as well as the marginal benefit due to low vehicle volume at this crossing. Since the heavy pedestrian activity, particularly students, was of concern at this crossing, the Montebello City Council considered an alternate plan of building an elevated pedestrian crossing on Maple Avenue in lieu of the original proposed undercrossing. This alternative approach was approved by the Montebello City Council. Since any changes to the overall ACE Program must be approved by both the ACE and San Gabriel Valley Council of Governments Governing Boards, this matter is being brought before the ACE Board for approval.

BUDGET IMPACT: When the Montebello Corridor Project was approved by the ACE Board and included in the ACE Program, \$142 million in measure R funds were budgeted for design, and construction. The proposed modification will not require an increase in this budgeted amount.



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MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: July 25, 2016

SUBJECT: Approval of a Betterment Agreement with the Cities of Industry and Diamond Bar for Improvements to be done to State Route 60 Specifically, Construction of On/Off Ramps to Connect Lemon Avenue to the Freeway to be done in Conjunction with the Fairway Drive Grade Separation Project

RECOMMENDATION: Staff recommends that the Board authorize the Chief Executive Office to execute a Betterment Agreement with the Cities of Industry and Diamond Bar for requested improvements to be done in conjunction with the Fairway Drive grade separation project.

BACKGROUND: To help mitigate traffic detour impacts resulting from the construction of the Fairway Drive grade separation project by ACE, the Cities of Industry and Diamond Bar desire to have ACE construct new ramps at Lemon Avenue and State Route 60 in conjunction with our ongoing Fairway Drive grade separation construction. These requested improvements including construction management are currently estimated at \$19 million and will be paid for by the City of Industry and the City of Diamond Bar.

In order for this work to be included in ACE's Fairway Drive grade separation project, the two cities and ACE must enter into a formal Betterment Agreement. The agreement defines the improvements to be constructed by ACE on behalf of the two cities, and the obligations of the cities to reimburse ACE for costs associated with these requested improvements. The attached Betterment Agreement is based on a boilerplate approved by the ACE Board in 2001, modified to reflect specific project issues.

The work will be incorporated into ACE's existing construction contract for the Fairway Drive grade separation project as a construction contract amendment. All required plans and permits to construct the ramps are being provided by the two cities and Caltrans.

BUDGET IMPACT: There will be no budget impact to ACE, as all expenses related to the City's requested improvements will be paid for by the City of Industry and the City of Diamond Bar through various grants allocated to them for this work. ACE will be working with Metro and Caltrans to get these grant funds re-allocated, either through a funding exchange agreement or with respect to federal grants, as an assignment to another federally funded ACE project.

Attachment

BETTERMENT AGREEMENT
REGARDING THE INSTALLATION OF NEW RAMPS AT LEMON AVENUE AND STATE
ROUTE 60 IN CONJUNCTION WITH THE FAIRWAY DRIVE GRADE SEPARATION
PROJECT BY THE ALAMEDA CORRIDOR-EAST CONSTRUCTION AUTHORITY ON
BEHALF OF THE CITY OF INDUSTRY AND CITY OF DIAMOND BAR

THIS AGREEMENT effective this ____ day of ____, 2016, by and between the CITY OF INDUSTRY, a municipal corporation, hereinafter referred to as "INDUSTRY" AND the CITY OF DIAMOND BAR , a municipal corporation, hereinafter referred to as "DIAMOND BAR", and the ALAMEDA CORRIDOR-EAST CONSTRUCTION AUTHORITY OF THE SAN GABRIEL VALLEY COUNCIL OF GOVERNMENTS, a California Joint Powers Authority, hereinafter referred to as "ACE", with INDUSTRY, DIAMOND BAR and ACE also each individually referred to herein as "PARTY" and collectively as "PARTIES".

WITNESSETH

WHEREAS, ACE has designed and is constructing a highway/railroad grade separation on Fairway Drive at the Los Angeles Subdivision of the Union Pacific Railroad, hereinafter referred to as "PROJECT"; and

WHEREAS, to help mitigate traffic detour impacts resulting from the construction of the PROJECT by ACE, INDUSTRY and DIAMOND BAR desire to have ACE construct new on and off ramps at Lemon Avenue and State Route 60 in conjunction with PROJECT as described in Exhibit "A", attached hereto and incorporated herein by reference, hereinafter referred to as "BETTERMENT"; and

WHEREAS, INDUSTRY and DIAMOND BAR proposes to reimburse ACE for the actual costs ACE incurs for the construction of BETTERMENT performed in conjunction with this AGREEMENT.

NOW, THEREFORE, in consideration of the promises and mutual covenants herein contained, the Parties hereby agree as follows:

SECTION I

ACE AGREES:

1. To execute a contract amendment on ACE's existing PROJECT construction agreement to construct the BETTERMENT in accordance with Caltrans permit No. _____ in the amount of \$_____.
2. Require the contractor for the BETTERMENT to add INDUSTRY and DIAMOND BAR INDEMNITEES on all policies of insurance required by ACE for the PROJECT as additional insureds to the same extent that ACE is an additional insured and prior to commencement of PROJECT construction, provide INDUSTRY and DIAMOND BAR with endorsements and certificates of insurance evidencing the amount of coverage and the addition of the cities as additional insureds

3. To construct the BETTERMENT in accordance with best practices, and pursuant to the requirements of all permits issued therefor.
4. To provide all required construction management, traffic management, material testing and inspection, and other necessary professional services contracts to complete the BETTERMENT in accordance with the approved plans and specifications and Caltrans permit No. ____ provided by INDUSTRY and DIAMOND BAR, which plans and specifications and permits are incorporated herein by this reference.
5. To ensure compliance with the approved environmental document for the BETTERMENT, including the mitigation and monitoring reporting program
6. To track all construction, and construction management costs for BETTERMENT separately from PROJECT.
7. To invoice the INDUSTRY and DIAMOND BAR in adequate detail describing the work completed for the actual costs associated with construction of the BETTERMENT upon the completion of individual phases of the BETTERMENT as shown in Exhibit A.
8. To furnish an accounting of final actual costs for BETTERMENT and provide INDUSTRY and DIAMOND BAR an invoice of the same within one hundred twenty (120) days after acceptance of BETTERMENT by INDUSTRY and DIAMOND BAR.
9. Upon completion of PROJECT, to furnish INDUSTRY and DIAMOND BAR with as-built plans of BETTERMENT.

SECTION II

INDUSTRY AND DIAMOND BAR AGREE:

1. To provide ACE with all approved plans and required Caltrans, INDUSTRY or DIAMOND BAR permits to construct BETTERMENT at no cost to ACE and to collaborate and cooperate with ACE during construction of the BETTERMENT.
2. To assist with the transfer to ACE of all third party permits obtained, or to be obtained, necessary to construct the BETTERMENT at no cost to ACE.
3. To assist with the transfer of currently allocated federal funds for BETTERMENT in the amount of \$_____ to another ACE project.
4. To pay One Hundred Percent (100%) of BETTERMENT environmental documentation, construction, and construction management costs up to a not to exceed amount of \$_____ as shown in Exhibit A. The not to exceed amount specified herein may be adjusted to account for changes in the scope of work due to change orders during the BETTERMENT construction if prior to such change in scope of work the PARTIES mutually agree in writing. ACE costs will be calculated based on the Caltrans-approved indirect cost

rate applied to direct expenses. INDUSTRY and DIAMOND BAR will make all necessary efforts to pay properly documented ACE invoices within 30 days of receipt.

SECTION III

IT IS MUTUALLY AGREED AS FOLLOWS:

1. Should any portion of PROJECT be financed with funds with specific expenditure requirements or limitations, all applicable laws, regulations and policies relating to the use of such funds shall apply notwithstanding other provisions of this Agreement.
2. INDUSTRY and DIAMOND BAR assigned ACE as its agent to enforce any rights under applicable State or local franchises, laws or encroachment permits to cause the protection, rearrangement or relocation of any existing public or private utility facilities. If such utility fails to cooperate in such protection, rearrange or relocation, ACE shall identify such facilities and INDUSTRY or DIAMOND BAR, as applicable, shall enforce available rights under existing State or local franchises, laws or encroachment permits held by INDUSTRY and DIAMOND BAR for the protection in place, relocation, or removal of such facilities at no cost to ACE. ACE shall, or cause its contractor on the BETTERMENT to coordinate and inspect such protection, relocation, or removal work. Nothing in this Agreement shall restrict or affect INDUSTRY and DIAMOND BAR 's or ACE's ability to enter into separate agreements with utilities for any purpose, including for reimbursements of utility costs for protection, relocation, maintenance, or removal of their facilities; provided that no PARTY shall be liable for any costs thereof unless a signatory to such separate agreement.
3. That in the construction of BETTERMENT, ACE will furnish a properly licensed resident engineer to oversee BETTERMENT construction and INDUSTRY and DIAMOND BAR may furnish their own representatives. Said representatives and resident engineer will cooperate and consult with each other, but the decisions of ACE's resident engineer shall remain the sole and primary directive for all BETTERMENT work. If material changes to the approved plans and specifications will impact BETTERMENT, the ACE resident engineer will obtain INDUSTRY and DIAMOND BAR's representatives written approval before authorizing said changes.
4. Prior to ACE acceptance of BETTERMENT, as completed, under the terms of the PROJECT's construction contract, ACE will confer with INDUSTRY and DIAMOND BAR in good faith to obtain INDUSTRY and DIAMOND BAR's written concurrence that the BETTERMENT has been completed in substantial conformance with the approved plans and specifications, which shall not be reasonably withheld.
5. Except as otherwise specifically provided in this AGREEMENT ACE and its respective elected and appointed boards, officials, officers, agents, employees, and volunteers (individually and collectively, "ACE INDEMNITEES") shall have no liability to INDUSTRY and DIAMOND BAR for the BETTERMENT, and INDUSTRY and DIAMOND BAR, pursuant to Government Code Section 895.4, shall indemnify, defend (using legal counsel of INDUSTRY and DIAMOND BAR 's own choosing), protect and hold harmless ACE INDEMNITEES, from and against any liabilities, as defined in Section III, Paragraph 8, or

legal challenges to the BETTERMENT arising out of any act or omission by INDUSTRY and DIAMOND BAR or any person acting on behalf of INDUSTRY and DIAMOND BAR under or in connection with any work, authority, or breach of any obligation under this Agreement or work activities associated with the BETTERMENT and delegated to INDUSTRY and DIAMOND BAR under this Agreement. Any rights of INDUSTRY and DIAMOND BAR to inspect, review, and/or approve of BETTERMENT design or construction shall not signify that ACE relinquishes management or control over such design or construction.

6. Except as otherwise specifically provided in this AGREEMENT, INDUSTRY and DIAMOND BAR, their special districts and respective elected and appointed boards, officials, officers, agents, employees, and volunteers (individually and collectively, "INDUSTRY and DIAMOND BAR INDEMNITEES") shall have no liability to ACE for BETTERMENT, and ACE, pursuant to Government Code Section 895.4, shall indemnify, defend (using legal counsel of ACE's own choosing), protect and hold harmless INDUSTRY and DIAMOND BAR INDEMNITEES from and against, any liabilities, as defined in Section III, Paragraph 8, or legal challenges to the BETTERMENT arising out of any act or omission by ACE or any person acting on behalf of ACE under or in connection with any work, authority, or breach of any obligation under the Agreement or work activities associated with the BETTERMENT and delegated to ACE under this Agreement.
7. Except as otherwise specifically provided in this AGREEMENT INDUSTRY and its respective elected and appointed boards, officials, officers, agents, employees, and volunteers (individually and collectively, "INDUSTRY INDEMNITEES") shall have no liability to DIAMOND BAR for the BETTERMENT, and DIAMOND BAR, pursuant to Government Code Section 895.4, shall indemnify, defend (using legal counsel of INDUSTRY's own choosing), protect and hold harmless INDUSTRY INDEMNITEES, from and against any liabilities, as defined in Section III, Paragraph 8, or legal challenges to the BETTERMENT arising out of any act or omission by INDUSTRY or any person acting on behalf of INDUSTRY under or in connection with any work, authority, or breach of any obligation under this Agreement or work activities associated with the BETTERMENT and delegated to INDUSTRY under this Agreement.
8. Except as otherwise specifically provided in this AGREEMENT DIAMOND BAR and its respective elected and appointed boards, officials, officers, agents, employees, and volunteers (individually and collectively, "DIAMOND BAR INDEMNITEES") shall have no liability to INDUSTRY for the BETTERMENT, and INDUSTRY, pursuant to Government Code Section 895.4, shall indemnify, defend (using legal counsel of INDUSTRY's own choosing), protect and hold harmless DIAMOND BAR INDEMNITEES, from and against any liabilities, as defined in Section III, Paragraph 8, or legal challenges to the BETTERMENT arising out of any act or omission by DIAMOND BAR or any person acting on behalf of DIAMOND BAR under or in connection with any work, authority, or breach of any obligation under this Agreement or work activities associated with the BETTERMENT and delegated to DIAMOND BAR under this Agreement.
9. The term "liabilities" used in Section III, Paragraphs 5, 6, 7 and 8 shall mean any and all judgments, awards, claims, demands, liabilities, injury (as defined by Government Code Section 810.8), obligations, litigation, fines, penalties, fees (including, without limitation,

expert witness fees, engineering and defense costs, and legal fees), costs (including, without limitation, any and all costs involved in instituting a direct condemnation proceeding, and any and all costs involved in defending an inverse condemnation proceeding, and any and all cost involved in an environmental cleanup or archaeological discovery), expenses (including, without limitation, attorneys' fees and court costs), proceedings, suits, and actions of whatever kind, and damages of any nature whatsoever (including, without limitation, bodily injury, death, personal injury, or property damage).

10. No PARTY shall be liable to any other PARTY for any damages, delay costs, or termination costs of any type or a failure to perform any part of this AGREEMENT due to causes beyond the control of any of the PARTIES. Such causes include, but are not limited to, acts of God, acts of the public enemy, acts or inactions of federal state or local governments including funding reductions or eliminations, fires, floods, and severe weather.
11. If any PARTY fails to perform a material part of this AGREEMENT, the non-breaching PARTY shall notify the breaching PARTY in writing. Within thirty (30) days of such written notification, the breaching PARTY shall commence curing such breach and shall diligently pursue such cure to completion. If the breaching PARTY fails to pursue such cure to completion, the breaching PARTY shall be in default under the terms of this AGREEMENT. In the event of a default, the non-breaching PARTY may pursue any legal or equitable remedies available to it including specific performance and the non-breaching PARTY shall have no obligation to make any payments to or undertake any work for the breaching PARTY until and unless the default is cured.
12. Every notice, demand, request, or other document or instrument delivered pursuant to this Agreement shall be in writing, and shall be either personally delivered, by Federal Express or other reputable overnight courier, or sent by certified United States mail, postage prepaid return receipt requested, to the addresses set forth below, or to such other address as a party may designate from time to time.

To INDUSTRY: City of Industry
 15651 E. Stafford Street
 City of Industry, CA 91744
 Attention: _____

To DIAMOND BAR: City of Diamond Bar
 21810 Copley Drive
 Diamond Bar, CA 91765
 Attention: _____

To ACE: ACE Construction Authority
 4900 Rivergrade Road, Suite A120
 Irwindale, CA 91706
 Attention: Mr. Mark Christoffels, Chief Executive Officer

13. This Agreement constitutes the entire understanding and agreement of the PARTIES and integrates all of the terms and conditions mentioned herein or incidental hereto with

respect to the subject matter hereof, and supersedes all negotiations or previous agreements between the PARTIES with respect to all or part of the subject matter hereof.

14. This Agreement may be amended in writing at any time by the mutual consent of the PARTIES. No amendment shall have any force or effect unless executed in writing by the PARTIES.
15. If any term, provision, covenant, or condition of this Agreement is held by a court of competent jurisdiction to be invalid, void, or unenforceable, the remaining provisions of the Agreement shall continue in full force and effect, unless one or both of the PARTIES would be materially affected or abridged by such interpretation.
16. This Agreement shall be construed and enforced in accordance with the laws of the State of California.
17. No assignment of this Agreement shall relieve the assigning PARTY of its obligations under this Agreement until such obligations have been assumed in writing by the assignee. When duly assigned in accordance with the forgoing, this Agreement shall be binding upon and inure to the benefit of the assignee.
18. Any waiver, modification, consent or acquiescence with respect to any term of this Agreement will be set forth in writing and duly executed by the PARTY to be bound thereby. No waiver of any breach hereunder will be deemed a waiver of any other or subsequent breach.
19. Neither ACE, INDUSTRY or DIAMOND BAR intends that there be a third-party beneficiary to this Agreement.
20. ACE, INDUSTRY, and DIAMOND BAR will act in good faith in their individual performances under the terms of this Agreement, including taking reasonable steps to mitigate costs.
21. The PARTIES shall comply with all applicable federal, state and local laws, statutes, ordinances and regulations of any governmental authority having jurisdiction over the BETTERMENT.
22. This AGREEMENT may be executed and delivered in any number of counterparts, each of which, when executed and delivered shall be deemed an original and all of which together shall constitute the same agreement. Facsimile signatures will be permitted.

IN WITNESS WHEREOF, the PARTIES hereto have caused this Agreement to be executed by their respective officers as of the date first written above.

CITY OF INDUSTRY

ACE

Mayor

Chief Executive Officer

ATTEST:

ATTEST:

Cecelia Dunlap, Deputy City Clerk

Secretary

APPROVED AS TO FORM:

APPROVED AS TO FORM:

James M. Casso, City Attorney

ACE General Counsel

CITY OF DIAMOND BAR

Mayor

ATTEST:

City Clerk

APPROVED AS TO FORM:

City Attorney

Exhibit A

The proposed INDUSTRY and DIAMOND BAR requested improvements (BETTERMENT) consist of the construction of new on and off ramps from State Route 60 to Lemon Avenue as put forth in Caltrans Permit No. _____ and all the plans and specifications associated with said permit.

The estimated cost for construction of these improvements including all required construction oversight is:

Phase 1: Construction of the westbound on ramp and eastbound off ramp including all required signalization, striping and signage \$_____

Phase 2: Construction of the eastbound on ramp including all required signalization, striping and signage and associated improvements and removals at Brea Canyon Road \$_____

Upon completion of each Phase, ACE shall invoice the City of Industry and the City of Diamond Bar as follows:

City	Phase 1	Phase 2
Industry		
Diamond Bar		
TOTAL		

ACE will deduct from the amounts shown above to be paid by the City of Diamond Bar the following amounts which will be credited to ACE by Caltrans and Metro:

Fund Type	Source	Credit Amount
Federal	SAFETEA-LU	\$7.8m
Federal	HSIP	\$.4m

All amounts to be billed and paid will be based on actual costs. ACE shall not exceed the costs shown above without written consent of the City of Diamond Bar and the City of Industry.



Alameda Corridor-East Construction Authority

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

MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: July 25, 2016

SUBJECT: Approval of a Construction Contract Amendment with OHL USA, Inc. for the Construction of Cities of Industry and Diamond Bar requested Betterments to State Route 60 in Conjunction with the Fairway Drive Grade Separation Project

RECOMMENDATION: Staff recommends that the Board authorize the Chief Executive Officer to execute a Construction Contract Amendment with OHL USA, Inc. for the Construction of City of Diamond Bar and City of Industry requested Betterments in conjunction with the Fairway Drive Grade Separation Project in an amount not to exceed \$18,200,000.

BACKGROUND: At the October 2014 meeting, the Board authorized the award of a contract to OHL USA, Inc. (OHL) for construction of the Fairway Drive (Los Angeles Subdivision) grade separation project in an amount not to exceed \$71,985,353.

To help mitigate traffic detour impacts resulting from the construction of the Fairway Drive grade separation project by ACE, the Cities of Industry and Diamond Bar desire to have ACE construct new ramps at Lemon Avenue and State Route 60 in conjunction with our ongoing Fairway Drive grade separation construction. The requested improvements are currently estimated at \$18,200,000 and will be paid for by the City of Industry and the City of Diamond Bar as outlined in a Betterment Agreement between ACE and the two cities.

In order for this work to be included in ACE's Fairway Drive grade separation project, ACE must amend its current construction contract with the OHL USA, Inc. The Contract Amendment will add the requested work and adjust the total contract amount by \$18,200,000 for a total contract of \$90,193,211.80¹. All required plans and permits to construct the City requested betterments are being provided by the two Cities and Caltrans

BUDGET IMPACT: There will be no budget impact to ACE, as all expenses related to this contract amendment with OHL USA, Inc. to construct the City's requested improvements will be paid for by the City of Industry and the City of Diamond Bar through various grants allocated to them for this work in accordance with the Betterment Agreement.

¹ Including Change Order No. 1 in the amount of \$7,858.80.



Alameda Corridor-East Construction Authority

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

MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: July 25, 2016

SUBJECT: Approval of Distribution Pipe Relocation Work Payment Reconciliation for Southern California Gas Company for the Nogales Street Grade Separation Project

RECOMMENDATION: Staff recommends that the Board authorize the collectible utility relocation work reconciliation payment for Southern California Gas (SCGC) Company's relocation of affected distribution gas facilities that were necessary for the Nogales Street project (LA Subdivision) with a reimbursement to SCGC in an amount not to exceed \$555,667.12 to cover the final total relocation costs.

BACKGROUND: On May 16, 2012, ACE entered into an agreement with SCGC for utility relocation of Gas Distribution lines at Nogales and San Jose, work order #81560.000, as part of the Nogales Street Grade Separation project. The construction work authorization was estimated to be \$486,257, but had additional costs in labor, materials, paving and third party charges that totaled \$555,667.12, bringing the total cost of the relocation to \$1,041,924.12. Approval of this final cost reconciliation will close out the accounting for this work order. No further action or payments will be required for this completed effort.

BUDGET IMPACT: Funding for this SCGC line relocation was included in the project budget and sufficient funds remain for payment of these additional costs.



Alameda Corridor-East Construction Authority

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

MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: July 25, 2016

SUBJECT: Approval of Acceptance of Close-Out Contract with AECOM Technical Services, Inc. for Construction Management Services

RECOMMENDATION: Staff recommends that the Board accept the construction management services contract with AECOM Technical Services, Inc. (formerly known as Lim and Nascimiento Engineering Corporation) for the work as being satisfactorily completed.

BACKGROUND: In May 2001, the Board authorized staff to negotiate the first construction management services contract with LAN for up to four Phase I grade separation projects. All projects under the contract have been completed, as follows:

Date	Task	Initial Contract Value	Final Authorized Contract Value
1/28/2002	Construction Management Services for Nogales Street (Alhambra Sub) grade separation project	\$3,514,042	\$4,105,968
3/22/2004	Construction Management Services for Ramona Avenue grade separation project	\$3,255,000	\$3,831,635
12/19/2005	Construction Management Services Brea Canyon Road grade separation project	\$3,368,971	\$3,108,055
10/26/2009	Construction Management Services for Baldwin Avenue grade separation project	\$4,254,502	\$3,339,981
	FINAL AUTHORIZED CONTRACT VALUE		\$14,385,639

All contract changes were either brought to the Board for approval or were within the CEO approval authority and reported in the CEO monthly report. AECOM/LAN has completed all work and staff has accepted contracted construction management services work performed by AECOM/LAN. All construction projects are complete and construction closeouts have all been finalized for each project. Closeout activities for AECOM/LAN construction management services contract, including final cost audit for each project are complete.

The final cost audit for the contract is \$14,385,639, which is also the final authorized contract value.

The Disadvantaged Business Enterprise (DBE) subcontracting goal for this contract was 20%. The overall final DBE participation achieved was 20%.

BUDGET IMPACT: None.



Alameda Corridor-East Construction Authority

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

MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: July 25, 2016

SUBJECT: Approval of Acceptance of Close-Out Design Contract with AECOM, USA, Inc. for the Baldwin Avenue Grade Separation Project

RECOMMENDATION: Staff recommends that the Board accept the design contract with AECOM, USA, Inc. (formerly known DMJM+Harris, Inc.) for the Baldwin Avenue grade separation project as being satisfactorily completed.

BACKGROUND: Beginning in August 2002, the Board authorized a contract for design services for Baldwin Avenue grade separation project with AECOM as follows:

Date	Task	Initial Contract Value	Final Authorized Contract Value
August 2002	Design and Engineering Services for Baldwin Avenue Grade Separation	\$2,265,669	\$3,516,101

All contract changes were either brought to the Board for approval or were within CEO approval authority and reported in the CEO monthly report. ACE has completed its work and staff has accepted all contracted design work performed by AECOM, inclusive of the design services during construction. The construction project is complete and construction closeout has been finalized. Closeout activities for AECOM design contract, including final cost audit, are complete.

The final cost audit for the project was \$3,516,101, which is also the final authorized contract value.

The Disadvantaged Business Enterprise (DBE) subcontracting goal for this contract was 20%. The final DBE participation achieved was as 17%. The shortfall was due to two DBE firms being acquired by non-DBE firms during the performance period.

BUDGET IMPACT: None.



Alameda Corridor-East Construction Authority

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

MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: January 25, 2016

SUBJECT: Quarterly ACE Program Progress Reports

RECOMMENDATION: Receive and file the ACE Program Quarterly Progress Reports for the period covering the 4th quarter of Fiscal Year 2016.


BACKGROUND: To keep the ACE Board as well as the interested public informed about ACE's progress in designing and constructing the projects in the adopted ACE program, staff prepares and submits to the Board progress reports on a quarterly basis. The attached reports are prepared by the Project Managers for each respective active ACE project and provide a one-page summary of expenditures, schedules, work completed and to be done, as well as any areas of concerns. In addition to these reports, staff will make an oral presentation to provide updates on the following for the period from April 1 2016 through June 30 2016:

- Major Activities Completed
- Construction and Design Progress
- Current Project Schedules
- Current Project Cost Estimates
- Project Funding

**ALAMEDA CORRIDOR-EAST PHASE II
AT-GRADE CROSSING SAFETY IMPROVEMENTS (City of Pomona)**

As of June 2016

LOCATION: Pomona	CONSTRUCTION MANAGER: TBD
DESIGN CONSULTANT: Railpros	CONTRACTOR: TBD

PHOTO Example of At-Grade Improvements	WORK COMPLETED PAST QUARTER
	<ul style="list-style-type: none"> Completed Concept for the Added At-Grade Crossing, San Antonio Avenue Revised Concepts per Workshop Comments Completed the Traffic Study, Including Additional Analysis of a Revised Concept for Hamilton Boulevard

EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN (35% only)	12%	\$3.7	\$0.7	Environmental			
				Statutory Exemption	Jan-17	Jan-17	0
RIGHT-OF-WAY	0%	\$0.3	\$0.0	Design			
				Notice To Proceed	May-15 A	May-15 A	
				Final PS&E Complete	Mar-18	Mar-18	0
CONSTRUCTION	0%	\$15.8	\$0.0	Right-of-Way			
				All Parcels Available	Aug-18	Aug-18	0
TOTAL	4%	\$19.8	\$0.7	Construction			
				Notice To Proceed	Jan-19	Jan-19	0
				Construction Complete	May-20	May-20	0


AREAS OF CONCERN	CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD
	<ul style="list-style-type: none"> Complete the Hydrology and Hydraulics Report Submit Revised Concepts and Traffic Study for UPRR Review Negotiate Scope of Work and Cost for the Preparation of the 35% Preliminary Engineering

ROW ACQUISITION	Plan	Acquired	Remaining
o Permanent Parcels	TBD		
o Temporary Parcels	TBD		
o Total Parcels	0	0	0

**ALAMEDA CORRIDOR-EAST PHASE II
GRADE SEPARATION - DURFEE AVENUE (City of Pico Rivera)**

As of June 2016

LOCATION: Pico Rivera	CONSTRUCTION MANAGER: PB Americas
DESIGN CONSULTANT: URS	CONTRACTOR: TBD

PHOTO Photo Simulation of Future Grade Separation	WORK COMPLETED PAST QUARTER
	<ul style="list-style-type: none"> ▪ Continued Stakeholder, Utility, and Other Agency Coordination ▪ Reviewed the 95% PS&E and began incorporating Stakeholder's Comments ▪ Continued ROW Acquisition and Relocation Activities ▪ Continued Demolition Activities ▪ Continued Coordination with Private Property Owners for Final Approval of Site Improvements


EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	75%	\$8.4	\$6.7	Environmental			
				NEPA/CEQA	Jul-14 A	Jul-14 A	
RIGHT-OF-WAY	35%	\$29.5	\$10.6	Design			
				Notice To Proceed	Oct-12 A	Oct-12 A	
				Final PS&E Complete	Oct-16	Oct-16	0
CONSTRUCTION	0%	\$40.5	\$0.0	Right-of-Way			
				All Parcels Available	Nov-16	Nov-16	0
TOTAL	22%	\$78.4	\$17.3	Construction			
				Notice To Proceed	Jul-17	Jul-17	0
				Construction Complete	Jan-20	Jan-20	0

AREAS OF CONCERN				CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD			
				<ul style="list-style-type: none"> ▪ Continue Stakeholder, Utility, and Other Agency Coordination ▪ Complete the 100% PS&E ▪ Conduct Constructability Review ▪ Continue ROW Acquisition and Relocation Activities ▪ Continue Demolition Activities ▪ Continue Coordination with Private Property Owners for Final Approval of Site Improvements ▪ Prepare C&M Agreement with UPRR ▪ Conduct CPUC Field Diagnostic 			
ROW ACQUISITION	Plan	Acquired	Remaining				
o Permanent Parcels	47	5	42				
o Temporary Parcels	41	0	41				
o Total Parcels	88	5	83				

**ALAMEDA CORRIDOR-EAST PHASE II
GRADE SEPARATION - FAIRWAY AVENUE (LA Sub)(City of Industry)**

As of June 2016

LOCATION: City of Industry	CONSTRUCTION MANAGER: PB Americas
DESIGN CONSULTANT: CH2M Hill	CONTRACTOR: OHL USA

PHOTO Installation of aggregate piers	WORK COMPLETED PAST QUARTER
	<p>Completed the sewer line relocation along Fairway Dr. s/o Walnut Dr.</p> <p>Completed the relocation of Verizon line along Fairway Dr.</p> <p>Began the installation of aggregate piers along UPRR.</p>

EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$8.2	\$8.2	<i>Environmental</i>			
				IS/ND	Oct-12 A	Oct-12 A	
RIGHT-OF-WAY	85%	\$34.2	\$26.7	<i>Design</i>			
				Notice To Proceed	Apr-11 A	Apr-11 A	
				Final PS&E Complete	Jul-14 A	Jul-14 A	
CONSTRUCTION	15%	\$96.9	\$15.1	<i>Right-of-Way</i>			
				All Parcels Available	Apr-14 A	Apr-14 A	
TOTAL	36%	\$139.4	\$50.0	<i>Construction</i>			
				Notice To Proceed	Dec-14 A	Dec-14 A	
				Construction Complete	Apr-19	Apr-19	0

AREAS OF CONCERN				CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD			
				<p>Continue with the sewer line relocation along Fairway Dr. n/o Walnut Dr.</p> <p>Kick-off the street realignment work along Walnut Dr.</p> <p>Begin the construction of retaining wall No. 7 along UPRR.</p> <p>Begin storm drain box relocation crossing UPRR tracks.</p>			
ROW ACQUISITION	Plan	Acquired	Remaining				
o Permanent Parcels	40	10	30				
o Temporary Parcels	26	12	14				
o Total Parcels	66	22	44				

**ALAMEDA CORRIDOR-EAST PHASE II
GRADE SEPARATION - FULLERTON ROAD (City of Industry)**

As of June 2016

LOCATION: City of Industry	CONSTRUCTION MANAGER: Berg & Associates
DESIGN CONSULTANT: Biggs Cardosa Associates	CONTRACTOR: Shimmick Construction Co

PHOTO Project Street Sign	WORK COMPLETED PAST QUARTER
	<p>Continued utility relocation efforts</p> <p>Executed construction contract with Shimmick</p> <p>Issued construction Limited Notice to proceed</p> <p>Initiated implementation of electronic document management system</p>


EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$10.6	\$10.6	Environmental			
				Categorical Exemption IS/ND	Oct-13 A	Oct-13 A	
RIGHT-OF-WAY	90%	\$24.1	\$17.3	Design			
				Notice To Proceed	Oct-12 A	Oct-12 A	
				Final PS&E Complete	Dec-15 A	Dec-15 A	
CONSTRUCTION	1%	\$110.9	\$1.2	Right-of-Way			
				All Parcels Available	Oct-15 A	Oct-15 A	
TOTAL	20%	\$145.6	\$29.0	Construction			
				Notice To Proceed	Jun-16	Jul-16	4
				Construction Complete	Dec-19	Mar-20	12

AREAS OF CONCERN				CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD			
				<p>Complete phone company relocation</p> <p>Continue water relocations</p> <p>Complete Gas Co relocations</p> <p>Complete implementation of electronic document management system</p>			
ROW ACQUISITION	Plan	Acquired	Remaining	<p>Hold construction partnering session</p> <p>Issue full Notice to Proceed</p>			
o Permanent Parcels	35	14	21				
o Temporary Parcels	18	11	7				
o Total Parcels	53	25	28				

**ALAMEDA CORRIDOR-EAST PHASE II
GRADE SEPARATION - Various (Montebello)**

As of June 2016

LOCATION: Montebello	CONSTRUCTION MANAGER: TBD
DESIGN CONSULTANT: Moffat & Nichol	CONTRACTOR: TBD

PHOTO Montebello Boulevard	WORK COMPLETED PAST QUARTER
	<ul style="list-style-type: none"> ▪ Completed Draft Traffic Study ▪ Completed Draft Hydrology and Hydraulics Memorandum ▪ Completed Draft Structures Type Selection Report ▪ Completed Draft UPRR Concept Submittal ▪ Completed Final Preliminary Geotechnical Report ▪ Continued Coordination with Stakeholders and Impacted Property Owners ▪ Held Community Open House in May ▪ Prepared for Presentation of Concept to City Council in July


EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN (35% only)	8%	\$12.6	\$1.8	Environmental			
				Statutory Exemption	Sep-17	Sep-17	0
RIGHT-OF-WAY	0%	\$27.2	\$0.0	Design			
				Notice To Proceed	Sep-15 A	Sep-15 A	
				Final PS&E Complete	Jul-18	Jul-18	0
CONSTRUCTION	0%	\$102.2	\$0.0	Right-of-Way			
				All Parcels Available	Mar-19	Mar-19	0
TOTAL	1%	\$142.0	\$1.8	Construction			
				Notice To Proceed	Aug-19	Aug-19	0
				Construction Complete	Aug-22	Aug-22	0

AREAS OF CONCERN				CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD			
				<ul style="list-style-type: none"> ▪ Complete Final Phase 1 Environmental Site Assessment ▪ Complete Final Traffic Study ▪ Complete Final Hydrology and Hydraulics Memorandum ▪ Complete Final Structures Type Selection Report ▪ Complete Final UPRR Concept Submittal ▪ Continue Coordination with Stakeholders and Impacted Property Owners ▪ Present Concepts to City Council in July for Approval ▪ Negotiate Scope of Work and Cost for the Preparation of the 35% Preliminary Engineering 			
ROW ACQUISITION	Plan	Acquired	Remaining				
o Permanent Parcels	TBD						
o Temporary Parcels	TBD						
o Total Parcels	0	0	0				

**ALAMEDA CORRIDOR-EAST PHASE I
GRADE SEPARATION - NOGALES ST. (LA SUB) (INDUSTRY)**

As of June 2016

LOCATION: City of Industry	CONSTRUCTION MANAGER: PB Americas
DESIGN CONSULTANT: AECOM	CONTRACTOR: Griffith Company

<p>PHOTO Road opening 6/17/16</p> 	<p>WORK COMPLETED PAST QUARTER</p> <p>Substantial completion of the roadway underpass.</p> <p>Completed the demolition of Charlie Road Detour</p>
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EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$4.7	\$4.7	<i>Environmental</i>			
				IS/EA	Sep-09 A	Sep-09 A	
RIGHT-OF-WAY	100%	\$50.6	\$44.4	<i>Design</i>			
				Notice To Proceed	Jul-08 A	Jul-08 A	
				Final PS&E Complete	Dec-09 A	Dec-09 A	
CONSTRUCTION	85%	\$62.9	\$54.8	<i>Right-Of-Way</i>			
				All Parcels Available	Mar-12 A	Mar-12 A	
TOTAL	88%	\$118.2	\$104.0	<i>Construction</i>			
				Notice To Proceed	Jan-13 A	Jan-13 A	
				Construction Complete	Jun-16	Jun-16	0

AREAS OF CONCERN				CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD			
<p>Complete the walk through with local agencies.</p> <p>Complete the pump station testing and turn it over to the City</p> <p>Complete the project close out process.</p>							
ROW ACQUISITION	Plan	Acquired	Remaining				
o Permanent Parcels	2	2	0				
o Temporary Parcels	40	40	0				
o Total Parcels	42	42	0				

**ALAMEDA CORRIDOR-EAST PHASE II
GRADE SEPARATION - PUENTE AVENUE (City of Industry)**

As of June 2016

LOCATION: City of Industry	CONSTRUCTION MANAGER: AECOM
DESIGN CONSULTANT: Moffatt & Nichol	CONTRACTOR: OHL USA

PHOTO Water line installation	WORK COMPLETED PAST QUARTER
	Installed CIDH Piles for retaining wall and Valley Blvd. structure Installed shoring for pump station, began excavation Completed connector road to 3rd Avenue

EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$9.4	\$9.4	Environmental			
				Statutory Exemption	Apr-12 A	Apr-12 A	
RIGHT-OF-WAY	100%	\$30.2	\$24.9	Design			
				Notice To Proceed	Apr-11 A	Apr-11 A	
				Final PS&E Complete	Mar-14 A	Mar-14 A	
CONSTRUCTION		\$56.9	\$19.4	Right-of-Way			
				All Parcels Available	Jan-14 A	Jan-14 A	
TOTAL	56%	\$96.5	\$53.8	Construction			
				Notice To Proceed	Sep-14 A	Sep-14 A	
				Construction Complete	May-18	May-18	0

AREAS OF CONCERN	CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD
	Verizon work within Valley Complete piles for Valley Bridge Form and pour southerly half of Valley Bridge Continue on pump station Jack 102-inch casing under UPRR

ROW ACQUISITION	Plan	Acquired	Remaining
o Permanent Parcels	32	24	8
o Temporary Parcels	3	3	0
o Total Parcels	35	27	8



Alameda Corridor-East Construction Authority

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

MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels, Chief Executive Officer

DATE: July 25, 2016

SUBJECT: Quarterly ACE Environmental Mitigation Monitoring Reports


RECOMMENDATION: Receive and file the ACE Environmental Mitigation Monitoring Reports for the period covering the 4th quarter of Fiscal Year 2016.

BACKGROUND: Appended to this report are the quarterly environmental mitigation monitoring and public contact reports for each of ACE's projects currently in construction. The monitoring reports track compliance during construction with environmental mitigations and best management practices, as well as a summary of third part complaints and ACE's response.

**ALAMEDA CORRIDOR-EAST PHASE II
SAN GABRIEL TRENCH (City of San Gabriel)**

As of June 2016

LOCATION: City of San Gabriel	CONSTRUCTION MANAGER: Jacobs Engineering
DESIGN CONSULTANT: Moffatt & Nichol	CONTRACTOR: Walsh Construction

PHOTO Piles for Alhambra Wash bridge	WORK COMPLETED PAST QUARTER
	<p>Started Alhambra Wash UPRR bridge</p> <p>Trench floor and walls finishing continues</p>

EXPENDITURE STATUS (\$ in Millions)				SCHEDULE ASSESSMENT			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$33.5	\$33.5	Environmental			
				Statutory Exemption			
RIGHT-OF-WAY	100%	\$33.3	\$30.5	Design			
				NTP for Prel Design	Apr-08 A	Apr-08 A	
				Complete Prel Design	Jun-09 A	Jun-09 A	
				100 % Submittal	Nov-10 A	Nov-10 A	
CONSTRUCTION	53%	\$246.0	\$149.4	Right-of-Way			
				All Parcels Available	Jun-11 A	Jun-11 A	
TOTAL	68%	\$312.8	\$213.4	Construction			
				Notice To Proceed	Nov-11 A	Nov-11 A	
				Construction Complete	Sep-17	Sep-17	0

AREAS OF CONCERN				CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD			
<p>-New Mainline installation is currently being rescheduled due to contractor's slip in production. Contractor is trying to mitigate in order to maintain schedule.</p>				<p>Complete Alhambra Wash bridge</p> <p>Production of mainline inverts and mass excavation are becoming critical items</p>			
ROW ACQUISITION	Plan	Acquired	Remaining				
o Permanent Parcels	64	64	0				
o Temporary Parcels	62	62	0				
o Total Parcels	126	126	0				



Alameda Corridor-East Construction Authority

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CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) FAIRWAY DRIVE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	Air Quality		
1	Use low sulfur fuel in construction equipment	<input checked="" type="checkbox"/>	
2	Minimize Dust by Watering (Rule 403)	<input checked="" type="checkbox"/>	
3	Cover Haul Trucks and Operate less than 15 MPH	<input checked="" type="checkbox"/>	
4	Suspend construction operations in unpaved areas when winds are more than 25 MPH	<input checked="" type="checkbox"/>	
5	Ballast wetted as it is unloaded from haul trucks	<input checked="" type="checkbox"/>	
6	Asphalt paving materials comply with SCAQMD Rule 453 regarding compliant paving material	<input checked="" type="checkbox"/>	
	Archaeo & Paleo Monitoring		
7	Worker education and briefing of monitoring archaeologists and construction inspectors conducted prior to construction	<input checked="" type="checkbox"/> Worker education briefing was conducted on July 20, 2015	
8	Conduct Paleontological Monitoring where excavation exceeds 1.5 meters (5 ft) below ground surface (may be reduced as warranted)	<input checked="" type="checkbox"/>	
9	Plan in place for preservation and curation of significant paleontologic resources that may be discovered	<input checked="" type="checkbox"/> Archaeo/Paleo Resource Monitoring, Mitigation and Curation Plan, LSA, January 30, 2015	
	Noise & Vibration		
10	Conduct construction in a manner that minimizes noise and maintains noise levels below City limits at noise sensitive land uses	<input checked="" type="checkbox"/>	
11	Use effective noise mufflers on equipment	<input checked="" type="checkbox"/>	
12	Minimize noise during the evening, at nighttime, week-ends and holidays	<input checked="" type="checkbox"/>	
13	Noise monitoring conducted to demonstrate compliance with noise		<input checked="" type="checkbox"/> There are no sensitive noise

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) FAIRWAY DRIVE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	limits		receptors. No pile driving is being conducted
14	Vibration monitoring performed during vibration-intensive activities	<input checked="" type="checkbox"/> Preconstruction bldg. condition video is on file at construction office for pre/post construction comparison of bldg. conditions. No pile driving during this phase.	
15	Noise blanket used to reduce increased noise level during operation of detour route during construction		<input checked="" type="checkbox"/>
	Water Quality & Erosion		
16	No detrimental discharge into drainages and bodies of water	<input checked="" type="checkbox"/> SWPPP compliance monitoring conducted weekly	
17	A Storm Water Pollution Prevention Plan (SWPPP) is available on-site from the RE	<input checked="" type="checkbox"/> 12/29/14 SWPP prepared by Incompli, revised 5/4/15	
18	Construction BMPs used to minimize erosion per SWPPP	<input checked="" type="checkbox"/>	
19	Retaining walls constructed for long-term slope stabilization	<input checked="" type="checkbox"/> A retaining wall is being constructed at Otterbine south of UPRR ROW.	
20	Erosion prevention planting used in conjunction with a geofabric, where feasible		<input checked="" type="checkbox"/> N/A in this phase of construction
	Hazardous Materials/Wastes		
21	Construction materials that may adversely affect groundwater stored away from excavation and in a contained area (protected by a berm)	<input checked="" type="checkbox"/>	
22	Construction equipment and materials checked daily for leaks and repaired	<input checked="" type="checkbox"/>	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) FAIRWAY DRIVE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	immediately		
23	Hazardous waste (including dewatering waste water, aerially deposited lead, etc.) disposed of in accordance with federal, state, and local regulations	<input checked="" type="checkbox"/>	
	Biological Resources		
24	Bird surveys conducted prior to pruning and/or tree removal	<input checked="" type="checkbox"/> Yes. No vegetation clearing in this phase	
	General Construction Conditions		
25	On-site construction manager available at all times	<input checked="" type="checkbox"/>	
26	Minimize interruption to utility services	<input checked="" type="checkbox"/>	
27	Mobile and stationary equipment maintained in proper working order	<input checked="" type="checkbox"/>	
28	Non-potable water used for construction activities, when feasible		<input checked="" type="checkbox"/> Non-potable water is not available nearby
	Traffic		
29	Construction coordinated with other major public or private construction projects within a one-mile radius and construction contracts scheduled to avoid overlapping major activities	<input checked="" type="checkbox"/> Ongoing coordination with the Nogales Grade Separation project.	
30	Haul route should minimize intrusion to residential areas	<input checked="" type="checkbox"/>	
31	Bridge construction that requires street closure scheduled so only one crossing in an area is affected at one time	<input checked="" type="checkbox"/> Fairway is open	
32	Local residents and businesses notified in advance of proposed construction activities and road closures	<input checked="" type="checkbox"/>	
33	Detour route to bypass construction area provided during Fairway Drive closure for bridge construction	<input checked="" type="checkbox"/> No current closures	
34	Advance notice of proposed transit reroutes and any other changes in stops and service made	<input checked="" type="checkbox"/> Ongoing coordination with LA Metro and Foothill Transit	
35	Traffic handling plans approved by the	<input checked="" type="checkbox"/>	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) FAIRWAY DRIVE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	City of Industry		
36	Coordinate with City of Industry, LA County and Caltrans to provide advance notice of proposed traffic detours and their duration to the public	☑	
37	Coordination with Caltrans (including frwy signage) and City of Industry to ensure acceptable traffic operations are maintained on SR-60 segment from WB off-ramp to intersection of Fairway Drive and Gale Avenue/Walnut Drive	☑	

PUBLIC CONTACTS QUARTERLY REPORT (April 1, 2016 – June 30, 2016) FAIRWAY DRIVE GRADE SEPARATION PROJECT			
Date	Contact	Query	Resolution
		NONE	



Alameda Corridor-East Construction Authority

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CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) NOGALES STREET GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	Air Quality		
1	Use low sulfur fuel in construction equipment	<input checked="" type="checkbox"/>	
2	Minimize Dust by Watering (Rule 403)	<input checked="" type="checkbox"/>	
3	Cover Haul Trucks and Operate less than 15 MPH	<input checked="" type="checkbox"/>	
4	Suspend construction operations in unpaved areas when winds are more than 25 MPH	<input checked="" type="checkbox"/>	
5	Ballast wetted as it is unloaded from haul trucks	<input checked="" type="checkbox"/>	
6	Asphalt paving materials comply with SCAQMD Rule 453 regarding compliant paving material	<input checked="" type="checkbox"/>	
	Archaeo & Paleo Monitoring		
7	Worker education and briefing of monitoring archaeologists and construction inspectors conducted prior to construction	<input checked="" type="checkbox"/>	
8	Conduct Paleontological Monitoring where excavation exceeds 1.5 meters (5 ft) below ground surface (may be reduced as warranted)	<input checked="" type="checkbox"/> Excavation activities are complete and no more paleo monitoring is required.	
9	Plan in place for preservation and curation of significant paleontologic resources that may be discovered	<input checked="" type="checkbox"/> Archaeo/Paleo Resource Monitoring, Mitigation and Curation Plan, LSA, May 1, 2013	
	Noise & Vibration		
10	Conduct construction in a manner that minimizes noise and maintains noise levels below City limits at noise sensitive land uses	<input checked="" type="checkbox"/>	
11	Use effective noise mufflers on equipment	<input checked="" type="checkbox"/>	
12	Minimize noise during the evening, at nighttime, week-ends and holidays	<input checked="" type="checkbox"/>	
13	Noise monitoring conducted to	<input checked="" type="checkbox"/>	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) NOGALES STREET GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	demonstrate compliance with noise limits		
14	Vibration monitoring performed during vibration-intensive activities	<input checked="" type="checkbox"/> Vibration generating activities are complete.	
15	Noise blanket used to reduce increased noise level during operation of detour route during construction		<input checked="" type="checkbox"/> There are no sensitive noise receptors adjacent to this project
	Water Quality & Erosion		
16	No detrimental discharge into drainages and bodies of water	<input checked="" type="checkbox"/>	
17	A Storm Water Pollution Prevention Plan (SWPPP) is available on-site from the RE	<input checked="" type="checkbox"/> Parsons Brinkerhoff SWPP approved 5/7/13	
18	Construction BMPs used to minimize erosion per SWPPP	<input checked="" type="checkbox"/>	
19	Retaining walls constructed for long-term slope stabilization	<input checked="" type="checkbox"/>	
20	Erosion prevention planting used in conjunction with a geofabric, where feasible		<input checked="" type="checkbox"/> N/A in this phase of construction
	Hazardous Materials/Wastes		
21	Construction materials that may adversely affect groundwater stored away from excavation and in a contained area (protected by a berm)	<input checked="" type="checkbox"/>	
22	Construction equipment and materials checked daily for leaks and repaired immediately	<input checked="" type="checkbox"/>	
23	Hazardous waste (including dewatering waste water, aerially deposited lead, etc.) disposed of in accordance with federal, state, and local regulations	<input checked="" type="checkbox"/>	
	Biological Resources		
24	Bird surveys conducted prior to pruning and/or tree removal	<input checked="" type="checkbox"/> All vegetation removal is complete and no additional bird surveys are anticipated to be required	

CONSTRUCTION MITIGATION MEASURE MATRIX			
ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT			
2nd Quarterly Report (April 1, 2016 – June 30, 2016)			
NOGALES STREET GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	General Construction Conditions		
25	On-site construction manager available at all times	<input checked="" type="checkbox"/>	
26	Minimize interruption to utility services	<input checked="" type="checkbox"/>	
27	Mobile and stationary equipment maintained in proper working order	<input checked="" type="checkbox"/>	
28	Non-potable water used for construction activities, when feasible		<input checked="" type="checkbox"/> Non-potable water is not available nearby
	Traffic		
29	Construction coordinated with other major public or private construction projects within a one-mile radius and construction contracts scheduled to avoid overlapping major activities	<input checked="" type="checkbox"/> Ongoing coordination with the Fairway Drive Grade Separation	
30	Haul route should minimize intrusion to residential areas	<input checked="" type="checkbox"/>	
31	Bridge construction that requires street closure scheduled so only one crossing in an area is affected at one time	<input checked="" type="checkbox"/> Nogales is open as of June 17, 2016.	
32	Local residents and businesses notified in advance of proposed construction activities and road closures	<input checked="" type="checkbox"/>	
33	Detour routes to bypass construction area provided during Nogales Street closure for bridge construction	<input checked="" type="checkbox"/> Nogales is open and the Charlie Road detour is no longer needed and is closed.	
34	Advance notice of proposed transit reroutes and any other changes in stops and service made	<input checked="" type="checkbox"/> Ongoing coordination with LA Metro and Foothill Transit	
35	Traffic handling plans approved by the City of Industry	<input checked="" type="checkbox"/>	
36	Coordinate with City of Industry, LA County and Caltrans to provide advance notice of proposed traffic detours and their duration to the public	<input checked="" type="checkbox"/>	
37	Coordination with Caltrans (including frwy signage) and City of Industry to	<input checked="" type="checkbox"/>	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) NOGALES STREET GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	ensure acceptable traffic operations are maintained on SR-60 segment from WB off-ramp to intersection of Nogales Street and Gale Avenue/Walnut Drive		

PUBLIC CONTACTS QUARTERLY REPORT (April 1, 2016 – June 30, 2016) NOGALES STREET GRADE SEPARATION PROJECT			
Date	Contact	Query	Resolution
4/21/16	Property Owner	Report water outage	Contractor made repairs and water service was restored
4/21/16	Property Owner	Report left-turn road markings at Nogales/Gale intersection no longer visible	Contractor repainted faded road markings
5/11/16	Property Owner	Report fence panels at property not secured	Contractor secured the fence panels
6/21/16	Business	Inquiry regarding status of Charlie Road detour	Informed temporary detour crossing was required to be closed upon opening of the underpass



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CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) PUENTE AVENUE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	Air Quality		
1	Use low sulfur fuel in construction equipment	<input checked="" type="checkbox"/>	
2	Minimize Dust by Watering (Rule 403)	<input checked="" type="checkbox"/>	
3	Cover Haul Trucks and Operate less than 15 MPH	<input checked="" type="checkbox"/>	
4	Suspend construction operations in unpaved areas when winds are more than 25 MPH	<input checked="" type="checkbox"/>	
5	Ballast wetted as it is unloaded from haul trucks	<input checked="" type="checkbox"/>	
6	Asphalt paving materials comply with SCAQMD Rule 453 regarding compliant paving material	<input checked="" type="checkbox"/>	
	Archaeo & Paleo Monitoring		
7	Worker education and briefing of monitoring archaeologists and construction inspectors conducted prior to construction	<input checked="" type="checkbox"/> The briefing was completed on 3/30/15.	
8	Conduct Paleontological Monitoring where excavation exceeds 1.5 meters (5 ft) below ground surface (may be reduced as warranted)	<input checked="" type="checkbox"/> Grade separation excavation monitoring will be conducted on an as needed basis	
9	Plan in place for preservation and curation of significant paleontologic resources that may be discovered	<input checked="" type="checkbox"/> Archaeo/Paleo Resource Monitoring, Mitigation and Curation Plan, LSA, Oct 31, 2014	
	Noise & Vibration		
10	Conduct construction in a manner that minimizes noise and maintains noise levels below City limits at noise sensitive land uses	<input checked="" type="checkbox"/>	
11	Use effective noise mufflers on equipment	<input checked="" type="checkbox"/>	
12	Minimize noise during the evening, at nighttime, week-ends and holidays	<input checked="" type="checkbox"/>	

CONSTRUCTION MITIGATION MEASURE MATRIX			
ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT			
2nd Quarterly Report (April 1, 2016 – June 30, 2016)			
PUENTE AVENUE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
13	Noise monitoring conducted to demonstrate compliance with noise limits	<input checked="" type="checkbox"/> Noise monitoring is being conducted on an as needed basis. Results are kept on file at the construction office	
14	Vibration monitoring performed during vibration-intensive activities		<input checked="" type="checkbox"/> Preconstruction video of adjacent bldg. conditions is on file at construction office. No vibration monitoring is planned.
	Water Quality & Erosion		
15	No detrimental discharge into drainages and bodies of water	<input checked="" type="checkbox"/>	
16	A Storm Water Pollution Prevention Plan (SWPPP) is available on-site from the RE	<input checked="" type="checkbox"/> 10/15/14 SWPPP by MWH and Amendment 1, 5/14/15 are on file at construction office	
17	Construction BMPs used to minimize erosion per SWPPP	<input checked="" type="checkbox"/>	
18	Retaining walls constructed for long-term slope stabilization	<input checked="" type="checkbox"/>	
19	Erosion prevention planting used in conjunction with a geofabric, where feasible		<input checked="" type="checkbox"/> N/A in this phase of construction
	Hazardous Materials/Wastes		
20	Construction materials that may adversely affect groundwater stored away from excavation and in a contained area (protected by a berm)	<input checked="" type="checkbox"/>	
21	Construction equipment and materials checked daily for leaks and repaired immediately	<input checked="" type="checkbox"/>	
22	Hazardous waste (including dewatering waste water, aerially deposited lead, etc.) disposed of in accordance with federal, state, and local regulations	<input checked="" type="checkbox"/> Contaminated soil is being excavated from the pump	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) PUENTE AVENUE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
		station location. Contaminated soil is removed from the site as it is excavated and is properly disposed of.	
	Biological Resources		
23	Bird surveys conducted prior to pruning and/or tree removal	<input checked="" type="checkbox"/>	
	General Construction Conditions		
24	On-site construction manager available at all times	<input checked="" type="checkbox"/>	
25	Minimize interruption to utility services	<input checked="" type="checkbox"/>	
26	Mobile and stationary equipment maintained in proper working order	<input checked="" type="checkbox"/>	
27	Non-potable water used for construction activities, when feasible		<input checked="" type="checkbox"/> Non-potable water is not available nearby
	Traffic		
28	Construction coordinated with other major public or private construction projects within a one-mile radius and construction contracts scheduled to avoid overlapping major activities	<input checked="" type="checkbox"/> There are currently no other major projects under construction in the area	
29	Haul route should minimize intrusion to residential areas	<input checked="" type="checkbox"/>	
30	Bridge construction that requires street closure scheduled so only one crossing in an area is affected at one time	<input checked="" type="checkbox"/> Puente Ave is closed	
31	Local residents and businesses notified in advance of proposed construction activities and road closures	<input checked="" type="checkbox"/>	
32	Detour route to bypass construction area provided during Puente Avenue closure for bridge construction	<input checked="" type="checkbox"/> Connector Rd is open	
33	Advance notice of proposed transit reroutes and any other changes in stops and service made	<input checked="" type="checkbox"/> Ongoing coordination with LA Metro and Foothill Transit	
34	Traffic handling plans approved by the	<input checked="" type="checkbox"/>	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) PUENTE AVENUE GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	City of Industry		
35	Coordinate with City of Industry and LA County to provide advance notice of proposed traffic detours and their duration to the public	<input checked="" type="checkbox"/>	

PUBLIC CONTACTS QUARTERLY REPORT (April 1, 2016 – June 30, 2016) PUENTE AVENUE GRADE SEPARATION PROJECT			
Dates	Contact	Query	Resolution
5/17/16	Business Owner	Concern regarding construction vehicles parking on street obstructing visibility of business	Directional signage placed to indicate access points



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CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) SAN GABRIEL TRENCH GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	Air Quality		
1	Use low sulfur fuel in construction equipment	<input checked="" type="checkbox"/>	
2	Dust control plan is available from RE. Compliance with Caltrans' Standard Specifications Sections 7-10F and 10	<input checked="" type="checkbox"/> Walsh Approved April 23, 2013	
3	Minimize Dust by Watering (Rule 403)	<input checked="" type="checkbox"/>	
4	Cover Haul Trucks and Operate less than 15 MPH	<input checked="" type="checkbox"/>	
5	Suspend construction operations in unpaved areas when winds more than 25 MPH	<input checked="" type="checkbox"/>	
6	Ballast wetted as it is unloaded from haul trucks	<input checked="" type="checkbox"/>	
7	Asphalt paving materials comply with SCAQMD Rule 453 regarding compliant paving material	<input checked="" type="checkbox"/>	
	Archaeo & Paleo Monitoring		
8	Archaeological Monitor in attendance at initial clearing and grading activities	<input checked="" type="checkbox"/> Archaeological Monitor and Native American Monitor on-site as needed during excavation.	
9	Conduct Paleontological spot checking for excavations up to 4 feet in depth to ensure sensitive sediments are not being impacted. Conduct monitoring where excavation exceeds 4 feet below ground surface. Monitoring requirements may be adjusted based upon the confirmed depth of sensitive sediments at the site	<input checked="" type="checkbox"/> Ongoing Paleo monitoring as needed during excavation activities.	
	Noise & Vibration		
10	Noise Plan is available from RE. The plan includes noise monitoring to demonstrate compliance with noise limits specified in the MMRP	<input checked="" type="checkbox"/> ABE Construction Services Approved November 26, 2012	
11	Avoid construction processes that	<input checked="" type="checkbox"/> Piles are	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) SAN GABRIEL TRENCH GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	generate high vibration levels within 76.5 meters (250 ft) of any residence	drilled. No pile driving.	
12	Vibration intensive construction activities (such as pile driving) limited to weekdays during daytime hours	N/A. There are no driven piles for this project	
13	Use effective noise mufflers on equipment	<input checked="" type="checkbox"/>	
14	Minimize noise during the evening, at nighttime, week-ends and holidays	<input checked="" type="checkbox"/>	
15	Temporary noise barriers used to reduce construction noise at sensitive land uses per the MMRP	<input checked="" type="checkbox"/> Temporary noise blankets installed at 4 locations per the project plans.	
16	Vibration monitoring performed during vibration-intensive activities	<input checked="" type="checkbox"/> Vibration monitoring is being conducted as needed and results are on file in the construction office.	
	Water Quality & Erosion		
17	No detrimental discharge into drainages and bodies of water	<input checked="" type="checkbox"/>	
18	A Storm Water Pollution Prevention Plan (SWPPP) is available on-site from the RE	<input checked="" type="checkbox"/> David Sluga December 2012 – Approved 12/17/12	
19	BMPs used to minimize erosion	<input checked="" type="checkbox"/>	
20	Retaining walls constructed for long-term slope stabilization	<input checked="" type="checkbox"/>	
21	Erosion prevention planting used in conjunction with a geofabric, where feasible	N/A in this phase of construction	
	Hazardous Materials/Wastes		
22	Construction materials that may adversely affect groundwater stored away from excavation and in a contained area (protected by a berm)	<input checked="" type="checkbox"/> Old asbestos pipe that was removed is currently stored at Romona Yard and will be removed within	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) SAN GABRIEL TRENCH GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
		several weeks and properly disposed of.	
23	Construction equipment and materials checked daily for leaks and repaired immediately	<input checked="" type="checkbox"/>	
24	Hazardous waste (including dewatering waste water, aerially deposited lead, etc.) disposed of in accordance with federal, state, and local regulations	<input checked="" type="checkbox"/> No VOC containing soils are currently stored on-site.	
	General Construction Conditions		
25	On-site construction manager available at all times	<input checked="" type="checkbox"/>	
26	Emergency Response Plan available from RE	<input checked="" type="checkbox"/> Walsh Approved 10/26/12	
27	Minimize interruption to utility services	<input checked="" type="checkbox"/>	
28	Mobile and stationary equipment maintained in proper working order	<input checked="" type="checkbox"/>	
29	Non-potable water used for construction activities, when feasible		<input checked="" type="checkbox"/> Non-potable water is not available nearby
	Traffic		
30	Construction coordinated with other major public or private construction projects within a one-mile radius and construction contracts scheduled to avoid overlapping major activities	<input checked="" type="checkbox"/>	
31	Haul Route Plan is available from RE. Haul routes should minimize intrusion to residential areas	<input checked="" type="checkbox"/> Haul routes on plan sheets 257 to 264	
32	Bridge construction that requires street closure scheduled so only one crossing in an area is affected at one time	<input checked="" type="checkbox"/> There are no bridge closures at this time.	
33	Local residents and businesses notified in advance of proposed construction activity	<input checked="" type="checkbox"/>	
34	Advance notice of proposed transit reroutes and any other changes in stops and service made	<input checked="" type="checkbox"/> Coordination with LA Metro is ongoing	
35	Traffic handling plans approved by the City of San Gabriel and the City of	<input checked="" type="checkbox"/>	

CONSTRUCTION MITIGATION MEASURE MATRIX ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT 2nd Quarterly Report (April 1, 2016 – June 30, 2016) SAN GABRIEL TRENCH GRADE SEPARATION PROJECT			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	Alhambra		
36	Coordinate with City of San Gabriel and the City of Alhambra to provide advance notice of proposed traffic detours and their duration provided to the public	<input checked="" type="checkbox"/> There is ongoing coordination with the Cities of San Gabriel, Alhambra and Rosemead.	

PUBLIC CONTACTS QUARTERLY REPORT (April 1, 2016 – June 30, 2016) SAN GABRIEL TRENCH GRADE SEPARATION PROJECT			
Date	Contact	Query	Resolution
4/1/16	Resident	Report excessive vibration	Contractor directed to minimize impacts and vibration, and monitor vibration levels
4/8/16	Resident	Report water heater damage due to construction related vibration	Staff provided Claim for Damages form
4/6/16	Resident	Report damage to vehicle due to construction activities	Staff provided Claim for Damage form
4/11/16	Resident	Report potholes and damage to temporary asphalt on driveway	Contractor directed to repair driveway
4/27/16	Resident	Complaint regarding use of residential street for haul route	Haul route was modified