



# **Alameda Corridor-East Construction Authority**

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

## **ALAMEDA CORRIDOR-EAST CONSTRUCTION AUTHORITY BOARD OF DIRECTORS REGULAR MEETING AGENDA**

**Monday, October 24, 2016 – 1:00 P.M.**

**Montebello City Hall  
1600 W. Beverly Blvd.  
Montebello, CA 90640**

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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](mailto:dstanley@theaceproject.org). Providing at least 72 hours notice will help ensure availability.

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- I. Pledge of Allegiance
- II. Roll Call and Introductions
- III. Public Comment
- IV. Approval of Regular Meeting Minutes of September 26, 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

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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. 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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|-------|--|-----------------|--------|
| IX.   | Approval of an Amendment to ACE's Phase II Program by Adding the San Antonio Avenue Railroad Crossing to the At-Grade Crossing Safety Improvement Project in the City of Pomona                | (Pages 7 – 8)   | Action |
| X.    | Approval of Early Property Acquisition of 237 S. Montebello Boulevard for the Montebello Corridor Project  | (Page 9)        | Action |
| XI.   | Approval of Early Property Acquisition of 401 S. Maple Avenue for the Montebello Corridor Project  | (Page 10)       | Action |
| XII.  | Approval of Amendment to Design Contract During Construction with CH2MHill for the Fairway Drive Grade Separation Project  | (Pages 11 – 12) | Action |
| XIII. | Approval of Amendment to Construction Contract with Horizons Company International Inc. for Property Modifications Required at Fair-Way Storage for the Fairway Drive Grade Separation Project | (Page 13 – 14)  | Action |
| XIV.  | Approval to Change November Board Meeting Date to November 28  | (Page 15)       | Action |
| XV.   | Receive and File Quarterly Financial Reports   | (Pages 16 – 36) | Action |
| XVI.  | Receive and File Quarterly Progress & Mitigation Monitoring Reports  | (Pages 37 – 55) | Action |
| XVII. | Adjournment  |                 | Action |



If you would like to receive the ACE Board agenda electronically, please email Amy Hanson at [ahanson@theaceproject.org](mailto:ahanson@theaceproject.org)



# ***Alameda Corridor-East Construction Authority***

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## ACE Construction Authority Board of Directors Regular Meeting September 26, 2016 Minutes

Chairman Hadjinian called the meeting of the Board of Directors of the Alameda Corridor-East Construction Authority to order at 1:10PM at the Montebello Council Chambers.

1. **Pledge of Alliance** – Member Victoria Martinez led the pledge of allegiance.

2. **Roll Call:** In attendance was:

Jack Hadjinian, Chair

Juli Costanzo, Vice Chair

Elliott Rothman

Victoria Martinez

### **Staff:**

Mark Christoffels, CEO

Gregory Murphy, Burke, Williams & Sorensen, legal counsel

Deanna Stanley

Genichi Kanow

Phil Balmeo

Paul Hubler

Cecilia Cardenas

Charles Tsang

Victoria Butler

Rachel Korkos

Amy Hanson

### **Guests:**

Abraham Cruz, City of Industry

Clement N. Calvillo, City of Industry

Hank Fung, LA County

Keith Gillfillan, Moffatt & Nichol

Phil Hawkey, SGVCOG

Richard Rea, Sen. Bob Huff

Robert Williams, RailPROS

Ron Butler, Moffatt & Nichol

Victoria Shin Park, Citadel CPM

3. **Public Comments** – There were no public comments.

4. **Approval of August 22, 2016 Special Meeting minutes** – A motion was made to approve the August 22, 2016 Regular meeting minutes.  
  
M/S/C/Costanzo/Rothman/Unanimous
5. **Chairman Remarks** – Chairman Hadjinian thanked the staff for the successful Fullerton Road grade separation groundbreaking ceremony. He expressed his appreciation for MTA CEO Phil Washington’s attendance.
6. **Board Member Comments** – There were no Board member comments
7. **Chief Executive Officer’s Report** – Mr. Christoffels reported that the Temple Avenue project which was expected to be under construction to complete the project had been delayed and is now expected to begin in Spring 2017. Mr. Christoffels reminded the Board of the San Gabriel Valley Council of Government’s General Assembly on October 26 at the Pacific Palms resort and that if any member was interested in attending please respond to Paul Hubler.
8. **Construction Project Progress Reports** – Charles Tsang reviewed progress photos of the Fairway Drive grade separation project. Victoria Butler reviewed project progress photos of the Fullerton Road grade separation project. Genichi Kanow reviewed project progress photos of the Puente Avenue grade separation project. Phil Balmeo reviewed project progress photos of the San Gabriel Trench project.
9. **Approval of Contract Amendment for Design Services During Construction for Moffatt & Nichol for the Montebello Corridor Project** – Mr. Christoffels reminded the Board that design services are necessary for the duration of construction to handle a variety of tasks. He reviewed the tasks which included coordination with third parties to resolve design issues, provide support for value analysis, provide support for environmental clearance and provide surveys and data collection. Chairman Hadjinian asked Moffatt & Nichol’s Keith Gillfillan to describe project challenges. Mr. Gillfillan indicated the change of Maple Ave from a grade separation to a pedestrian bridge was an improvement and the process of value engineering would provide an opportunity for participants to identify challenges, solutions, improvements and potential cost savings but the design was not at that stage yet. Mr. Christoffels reminded the Board that staff would keep the Board informed accordingly and that the preliminary engineering scope is estimated to be complete in 11 months.

A motion was made to approve a contract amendment for design services during construction for Moffatt and Nichol and issue task order #2 for an amount not to exceed \$3,264,804 for preliminary engineering for the Montebello Corridor Project.

M/S/C/Costanzo/Martinez /Unanimous

10. **Approval of Amendment to the Design Contract with RailPros, Inc. for Design & Engineering Services and the Addition of San Antonio Avenue Crossing to ACE's At-Grade Crossing Safety Improvements** – Mr. Christoffels indicated as a result of the review of the conceptual design, staff recommended adding a crossing at San Antonio. This change would require an amendment to the design contract with RailPros for the at-grade project in the City of Pomona. Mr. Christoffels acknowledged this change to the program would require approval by the SGVCOG Governing Board and it was on their October agenda.

A motion was made to authorize the Chief Executive Officer to execute an amendment to the design and engineering services contract with RailPros, Inc. and issue task order 2 for a not-to-exceed amount of \$997,136 for preliminary engineering for the at-grade crossing safety project in the City of Pomona and add the San Antonio railroad crossing to ACE's at-grade crossing safety improvement program, thereby amending ACE's Phase II program.

M/S/C/Rothman/Martinez/Unanimous

11. **Approval of Contract Amendment with Parsons Brinckerhoff for Construction Management Services for the Lemon Avenue Betterment** – Mr. Christoffels reminded the Board that the additional betterment work of constructing of Lemon Avenue on and off ramps on the 60 freeway would require the amendments to the contractors assigned to the Fairway project. Parsons Brinckerhoff provides construction management for the project. He reminded the Board that the construction will be done by OHL. He reviewed the elements of the construction management and reminded the board that all costs for the betterment work will be recovered from the Cities of Diamond Bar and Industry.

A motion was made to authorize the Chief Executive Officer to execute a contract amendment under the construction management services contract with Parsons Brinckerhoff for an amount not to exceed \$840,406 for a total contract value of \$7,831,535 for the Fairway Drive grade separation project.


M/S/C/Costanzo/Martinez /Unanimous

12. **Receive and File Sale of Excess Property** – Mr. Christoffels reminded the Board that at the completion of the Baldwin Avenue grade separation project the Board declared 4.7 acres of land as excess which initiated the sale of the properties. He indicated the bidder for the property at the Northeast portion fell out of escrow and the property was re-advertised and sold to Tak Ye in the amount of \$1,200,000. Member Rothman asked the Chief Executive Officer to provide costs involved with the transaction to the Board.

A motion was made to receive and file the staff report on the sale of excess property at Baldwin Avenue in the City of El Monte.

M/S/C/Martinez/Costanzo

13. **State Legislative Update** – Paul Hubler update the Board on AB 2170 successfully through the legislature which directs existing freight funds through the TCIF program. Tim Egan, Capital Representation reviewed legislative transportation revenue packages. Mr. Egan explained special session and reviewed the elements of SB 1 and AB 26. He indicated if passed this would raise \$7.4B annually for transportation related projects. Funds would come from increase gas excise tax and diesel fuel tax. He explained that there two constitutional amendments proposed, one which would ensure transportation funds would remain committed to transportation related projects. The other proposed amendment was specifically for Metro if for some reason Measure M does not pass the legislature will consider dropping voter threshold to 55%.
13. **Closed Session** – Legal Counsel announced the Board would adjourn to closed session in accordance with Government Code Section 54956.9 to discuss existing litigation. ACE vs Sasan Shadravan. The Board returned to open session and Mr. Murphy indicated that the Board gave unanimous direction to staff to engage in settlement discussions and to take a settlement agreement to court for approval for terms defined by the Board. He indicated the settlement agreement, once approved would be on file at the ACE office.
14. **Adjournment** – The Chairman announced that the next Board meeting would be held October 24. The meeting was adjourned at 1:52PM in memory of Carol J. Perez, wife of Industry’s David M. Perez.

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: October 24, 2016

SUBJECT: CEO Report

The following are items of note since the last meeting:

**AB 2170** – The Governor has vetoed AB 2170 (Frazier) which would have directed federal freight funds distributed by formula to California to the Trade Corridors Improvement Fund (TCIF), a leading source of funds for the ACE projects. ACE staff is working with other supporters of the legislation to determine how to insure that the federal funds are still allocated appropriately for our region.

**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
Walsh Construction Co.	Change Order No. 21 – Additional T-24 Tiebacks at Rubio Wash; Extended Shoring Wall	\$90,323.00	\$175,240,227.23
Walsh Construction Co.	Change Order No. 22 – CIDH Pile Grinding Mitigation	\$1,175,000.00	\$176,415,227.23
Walsh Construction Co.	Change Order No. 23 (credit) – Changes to CCO 5, CN 17; CCO 6 CN 20; CCO 16 CN 49	(\$68,985.88)	\$176,346,241.35
Walsh Construction Co.	Change Order No. 24 (credit) – Change to BIA 121 – Unforeseen CIDH Pile Mitigations	(\$4,500,000.00)	\$171,846,241.35
Lee Andrews Group, Inc.	Re-allocation of scope. No cost increase under FY 2017 task order.	\$0.00	\$11,902,714.40
MHW Americas, Inc.	Re-allocation of scope. No cost increase under FY 2017 task order.	\$0.00	\$4,613,633.46

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

- Distributed construction alert notices regarding lane closures on Rowland Street and Lawson Street for road improvements and traffic signal installation for the Fullerton Road project;
- Distributed construction alert notices regarding traffic lane reduction on Valley Boulevard for storm drain relocation for the Puente Avenue project;
- Distributed construction alert notices regarding demolition of properties for the Durfee Avenue project;
- Provided presentation at a community group meeting in Rowland Heights for the Fullerton Road project;
- Staffed information table at the Back to School Night event at Applied Technology Center High School in Montebello; 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: October 24, 2016

SUBJECT: Approval of an Amendment to ACE's Phase II Program by adding the San Antonio Avenue railroad crossing to ACE's At-Grade Crossing Safety Improvement Project.

**RECOMMENDATION:** Staff recommends that the Board amend ACE's Phase II Program by adding the San Antonio Avenue railroad crossing to ACE's At-Grade Crossing Safety Improvement Project

**BACKGROUND:** At the September 26, 2016 ACE Board meeting, the ACE Board recommended an amendment to ACE's Phase II Program that would add the San Antonio Avenue railroad crossing to ACE's At-Grade Crossing Safety Improvement Project. The recommendation was part of a combined item amending the At-Grade Crossing Safety Improvement Project and amending the contract with RailPros, Inc., for design of that project. Unfortunately, at the September Board meeting there were only 4 Board Members present. While this does constitute a quorum and the Board Members present did properly and unanimously approve the recommended changes to the Railpros contract and ACE's Program, any action that requires SGVCOG Governing Board approval requires 5 votes as per the SGVCOG By-Laws.

SGVCOG By-Law excerpt:

Actions. *Actions taken by the ACE Construction Authority shall be by a simple majority of the ACE Construction Authority Members present with a quorum in attendance, unless by a provision of applicable law, the Agreement or the Bylaws, a higher number of votes is required to carry a particular motion. For motions before the ACE Construction Authority dealing with personnel actions, the annual budget, the Construction Authority's Administrative Code, or matters that will require subsequent approval by the Council's Governing Board, all actions taken by the ACE Construction Authority shall be by a minimum of five (5) votes.*

Because changes in ACE's adopted Phase II Program do require SGVCOG Governing Board approval, this item needs to be reconsidered by the ACE Board. The contract with RailPros, not being subject to the five-vote requirement was amended to take into account the next phase of all non-San Antonio Avenue design work, based on the unanimous vote of the quorum present. RailPros has begun the additional work, and understands that its contract will be further amended upon the formal addition of San

Antonio Avenue to the Phase II Program. Assuming there are at least five Board Members present, it is recommended that the amendment of ACE's Phase II Program by adding the San Antonio Avenue railroad crossing to ACE's At-Grade Crossing Safety Improvement Project be approved and forwarded to the SGVCOG for approval.

**BUDGET IMPACT:** When the At-Grade Crossing Safety Improvements Project was approved by the ACE Board and included in the ACE Program, \$19 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 & Alternates

FROM: Mark Christoffels  
Chief Executive Officer

DATE: October 24, 2016

SUBJECT: Approval of Advance Acquisition of Property at Montebello Boulevard for the Montebello Boulevard Grade Separation Project  
Owner: Timothy Perez and Brittany Pleytez  
ACE Parcel No. 209DD  
APN: 6350-007-010  
Address: 237 S. Montebello Boulevard, Montebello, CA 90640

**RECOMMENDATION:** Authorize staff to make an offer, negotiate, and acquire a multi-family residential parcel owned by Timothy Perez and Brittany Pleytez for the Montebello Corridor Grade Separation Project in advance of the Board approval of the 35% design plans and California Environmental Quality Act (CEQA) approval.

**BACKGROUND:** Inclusion of the Montebello Corridor Grade Separation Project in ACE's Program was approved by the Board on March 16, 2015. The 35% design of the Project has begun, plans for which are anticipated to be completed in September of next year. California Environmental Quality Act (CEQA) compliance is also anticipated to be completed by September of next year.

In the concept approved by the Montebello City Council on July 13, 2016, on-street parking on Montebello Boulevard between Olympic Boulevard and West Los Angeles Avenue is removed. A number of property owners in this area, which consists of multi-family housing, have expressed concerns of the resulting lack of parking for their tenants. A proposed solution to this problem is to provide off-street parking. The property at 237 S. Montebello Boulevard is currently on the market with a listing price of \$599,000 and is being appraised by ACE's right-of-way consultant, HDR, Inc. This mid-block property could be modified to serve as an off-street parking lot. Details of this proposed concept will need to be finalized with the City; however, this early acquisition of a property already on the market would preserve right-of-way by allowing ACE to provide for some of the displaced parking. Under ACE's adopted property acquisition guidelines, if a negotiated purchase can be negotiated within 125% of the appraised value, staff can conclude the purchase. A negotiated price over the 125% of appraised value must be approved by the Board.

**BUDGET IMPACT:** Funding for this acquisition is available from Measure R funds.



## Alameda Corridor-East Construction Authority

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MEMO TO: ACE Construction Authority Board Members & Alternates

FROM: Mark Christoffels  
Chief Executive Officer

DATE: October 24, 2016

SUBJECT: Approval of Advance Acquisition of Property at Maple Avenue for the Montebello Boulevard Grade Separation Project  
Owner: Juan Gutierrez and Ana Fuentes  
ACE Parcel No. 209H  
APN: 6337-033-002  
Address: 401 S. Maple Avenue, Montebello, CA 90640

**RECOMMENDATION:** Authorize staff to make an offer, negotiate, and acquire a residential parcel owned by Juan Gutierrez and Ana Fuentes for the Montebello Corridor Grade Separation Project in advance of the Board approval of the 35% design plans and California Environmental Quality Act (CEQA) approval.

**BACKGROUND:** Inclusion of the Montebello Corridor Grade Separation Project in ACE's Program was approved by the Board on March 16, 2015. On July 25, 2016, the Board approved a change to the Project to construct a Pedestrian Overhead Structure at Maple Avenue in lieu of a roadway underpass. The 35% design of the Project has begun, plans for which are anticipated to be completed in September of next year. California Environmental Quality Act (CEQA) compliance is also anticipated to be completed by September of next year.

In all viable concepts prepared for the Pedestrian Overhead Structure, acquisition of one or more private properties north of the rail right-of-way is required to accommodate the structure's access ramps. Of the options prepared, two require the acquisition of 401 S. Maple Avenue. The property is currently on the market with a listing price of \$430,000 and is being appraised by ACE's right-of-way consultant, HDR, Inc. This early acquisition of a property already on the market would allow ACE to preserve right-of-way required for the project without displacing another residential property owner. Under ACE's adopted property acquisition guidelines, if a negotiated purchase can be negotiated within 125% of the appraised value, staff can conclude the purchase. A negotiated price over the 125% of appraised value must be approved by the Board.

**BUDGET IMPACT:** Funding for this acquisition is available from Measure R funds.



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MEMO TO: ACE Construction Authority Board Members & Alternates

FROM: Mark Christoffels  
Chief Executive Officer

DATE: October 24, 2016

SUBJECT: Approval of Contract Amendment for Design Support Services During Construction for the Fairway Drive Grade Separation Project with CH2MHill

**RECOMMENDATION:** Staff recommends that the Board authorize the Chief Executive Officer to amend the contract with CH2MHill to add \$443,675 for additional design support during construction and design revisions for the Fairway Drive grade separation project, for a new total contract value of \$7,205,361.

**BACKGROUND:** On March 24, 2014, the Board approved a contract amendment in the amount of \$962,185<sup>i</sup> for design support during construction for the Fairway Drive grade separation project with CH2MHill, the designer of record. The construction of the project is now well underway. As construction commenced, ACE staff was confronted with potential design modifications to address constructability issues, potential project savings, additional Caltrans requirements, and requests by adjacent property owners to consider plan revisions to address tenant needs. All of these required the assistance of CH2MHill to attend meetings to discuss, review proposals by third parties, and modify plans for those items being implemented into the project. None of these items were anticipated in the contract amendment with CH2MHill approved by the Board back in 2014. These unforeseen items of work include the following:

- An alternative sewer siphon that would eliminate a bridge structure
- Potential permanent removal of industry track spurs
- An alternative soil stabilization process
- An alternative method for constructing a large storm drain across UPRR's tracks
- Relocation of a retaining wall to maintain truck dock access
- Caltrans requested upgraded traffic signals and modified sidewalks to address disability access at the freeway interchange with Fairway Drive
- A modified temporary track plan to improve construction safety

Based on these unforeseen task items, the remaining balance of CH2MHill's contract for Design Support Services During Construction is insufficient to complete the balance of the originally anticipated work items included in the contract amendment approved by the Board in 2014. These work tasks included attending construction meetings as needed, performing field reviews, responding to contractor requests for information, reviewing contractor submittals for conformance, reviewing any non-conformance

issues and providing final as-built drawings. All these services will extend through the life of the construction project now anticipated to be completed in August 2019. Staff has received a proposal from CH2MHill on what they anticipate the remaining design support services will require in labor hours and costs. Staff made an independent estimate of the remaining work and have concluded that the requested contract increase is warranted.

CH's scope of work was divided by phases; the history of this contract is as follows:

<b>Phase/Task Order</b>	<b>Executed/Requested Amount</b>
1: Preliminary Engineering	\$1,650,631.00
2: Final Design	\$4,255,247.00
3: City of Industry Betterment	\$116,604.00
4: Design Support	\$ 739,204.00
Additional Design Support (this Amendment)	\$443,675.00
<b>TOTAL</b>	<b>\$7,205,631.00</b>

The current recommended amendment to provide these services is approximately 16% of the design cost for this project. The average post design construction support services for ACE completed projects is 18%, therefore, this cost is below ACE's past history for these type of services.

The contract authorized amount is not a guaranteed payment amount to the consultant, but rather an estimate of the maximum anticipated expenditures. The design support task order is structured as a time and material type of compensation. The Consultant will only be compensated for the services requested by ACE. Invoices will be reviewed to ensure that only the services authorized by ACE will be paid for under this contract. This authorization would also allow a 10% contingency allowance 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 CEO's authorization will be brought back to the Board for further consideration and approval.

**BUDGET IMPACT:** Budgeted funds for this contract amendment is available from State and Measure R funds allocated to the project.

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<sup>i</sup> Amount includes work related to the betterment work request by the City of Industry.



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MEMO TO: ACE Construction Authority Board Members & Alternates

FROM: Mark Christoffels  
Chief Executive Officer

DATE: October 24, 2016

SUBJECT: Approval of an Increased Change Order Authorization for Horizons Company International Inc. for Property Modifications required at Fair-Way Storage for the Fairway Drive Grade Separation Project

**RECOMMENDATION:** Staff recommends that the Board increase the Chief Executive Officer's change order authorization to 25% (\$49,867.75) of Horizons Company International Inc. construction contract for Property Modifications Required at Fair-Way Storage for the Fairway Drive Grade Separation Project.

**BACKGROUND:** The property located at 921 Fairway Drive, which currently is occupied by Fair-Way storage, was acquired by the ACE as part of a court settlement action due to easements needed, and general impacts related to the construction of the Fairway Drive grade separation project. In order to accommodate the construction of the Fairway Avenue grade separation, certain construction-related work was required within the Fair-Way storage facility, such as the elimination of the existing entrance, constructing a new entrance, and building modifications to allow for continued access to the storage facilities located at the rear of the property.

In September 2015, the Board authorized a contract in the amount of \$199,471 with Horizons Company for the required modifications to the Fair-Way Storage. The authorization to award this contract included a 10% contingency allowance in accordance with normal agency procedures. During the course of construction, there were additional and last minute changes to the plans, required by SCE and LA County's Building and Safety Department; as well as a court settlement regarding compliance with the American with Disabilities Act (ADA). A summary of the changes include:

- Replacement of the building's entire electrical circuit panel and installation of all new connections to the transformer;
- Roof repairs
- Site grading and reconstruction of two ADA pedestrian ramps and walkway, refresh striping and signage to meet the current ADA requirements

The cumulative totals of all contract authorizations, pending change orders and estimated change costs projected to completion of the property modifications are as follows:

Original Contract Value	\$199,471.00
Pending change orders	\$49,868.00

Estimated Final Contract Value	\$249,339.00
Board Contract Amount Authorization including contingencies	\$219,418.10
Estimated Final Contract Value	\$249,339.00
Required additional authorization	\$29,920.90

To complete the project staff is requesting a supplemental contract authorization in the amount of \$29,920.90. Approval of this additional authorization would result in a total contingency authorization of 25%.

**BUDGET IMPACT:** Funding for this work is included in the approved project budget and is being funded with Measure R funds.





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MEMO TO: ACE Construction Authority Board Members and Alternates

FROM: Mark Christoffels  
Chief Executive Officer

DATE: October 24, 2016

SUBJECT: Approval to Change November Meeting Date

**RECOMMENDATION:** At the request of the Chair staff recommends the Board meeting scheduled for November 14 be moved to November 28. Staff has polled the Board and it appears this date is convenient to other members.



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MEMO TO: ACE Construction Authority Board Members & Alternates

FROM: Mark Christoffels  
Chief Executive Officer

DATE: October 24, 2016

SUBJECT: Quarterly ACE Program Progress Reports

**RECOMMENDATION:** Receive and file the ACE Program Quarterly Progress Reports for the period covering the 1<sup>st</sup> quarter of Fiscal Year 2017.

**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 July 1 2016 through September 30 2016:

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



# **ACE Construction Authority**

FY2017 1<sup>st</sup> Quarter

Project Reports

As of September 30, 2016

**EXHIBIT I - ACE REVENUE BY SOURCE**  
**As of September 30, 2016**

Grant		Authorized	Adjustments	Note	Net Authorized	Allocated To Projects	Surplus	Allocated Inc/(Decr)
<b>Federal</b>								
TEA - 21	Sect 0491	4,655,048	(402,000)	a	4,253,048	4,253,048	-	
TEA - 21	Sect 1017	2,205,000	(141,317)	b	2,063,683	2,063,683	-	
TEA - 21	Sect 1138	17,250,000	-		17,250,000	17,250,000	-	
TEA - 21	Sect 1533	100,000,000	-		100,000,000	100,000,000	-	
TEA - 21	Sect 198	9,562,500	(572,760)	b	8,989,740	8,989,740	-	
Hiway Fund FY 01		1,500,000	(3,300)	b	1,496,700	1,496,700	-	
NCPD FY 2000		1,240,000	-		1,240,000	1,240,000	-	
NCPD FY 2001		2,400,000	(2,565)	b	2,397,435	2,397,435	-	
NCPD FY 2002		4,000,000	(116,000)	b	3,884,000	3,884,000	-	
NCPD FY 2003		1,495,000	(10,000)	b	1,485,000	1,485,000	-	
NCPD FY 2004		2,000,000	(119,163)	b	1,880,837	1,880,837	-	
STP FY 2006		4,200,000	(42,000)	b	4,158,000	4,158,000	-	
STP FY 2009		570,000	-		570,000	570,000	-	
STP FY 2010		500,000	(85)	b	499,915	499,915	-	
AAA FY 2010		1,349,000	(230)	b	1,348,770	1,348,770	-	
SAFETEA-LU FY 05	Sect 1701	2,528,000	(255,185)	c	2,272,815	2,272,815	-	
SAFETEA-LU FY 06	Sect 1701	2,528,000	(254,883)	c	2,273,117	2,273,117	-	
SAFETEA-LU FY 07	Sect 1701	2,528,000	(252,029)	c	2,275,971	2,275,971	-	
SAFETEA-LU FY 08	Sect 1701	2,528,000	(252,029)	c	2,275,971	2,275,971	-	
SAFETEA-LU FY 09	Sect 1701	2,528,000	(251,136)	c	2,276,864	2,276,864	-	
SAFETEA-LU FY 05	Sect 1934	3,000,000	(280,077)	c	2,719,923	2,719,923	-	
SAFETEA-LU FY 06	Sect 1934	6,000,000	(560,154)	c	5,439,846	5,439,846	-	
SAFETEA-LU FY 07	Sect 1934	7,500,000	(700,192)	c	6,799,808	6,799,808	-	
SAFETEA-LU FY 08	Sect 1934	7,500,000	(700,192)	c	6,799,808	6,799,808	-	
SAFETEA-LU FY 09	Sect 1934	6,000,000	(560,154)	c	5,439,846	5,439,846	-	
SAFETEA-LU FY 05	Sect 1301	3,125,000	(247,763)	c	2,877,237	2,877,237	-	
SAFETEA-LU FY 06	Sect 1301	6,250,000	(495,526)	c	5,754,474	5,754,474	-	
SAFETEA-LU FY 07	Sect 1301	7,812,500	(619,407)	c	7,193,093	7,193,093	-	
SAFETEA-LU FY 08	Sect 1301	7,812,500	(619,407)	c	7,193,093	7,193,093	-	
SAFETEA-LU FY 09	Sect 1301	6,250,000	(495,526)	c	5,754,474	5,754,474	-	
FRA		2,544,100	-		2,544,100	2,544,100	-	
PUC (Section 130)		10,000,000	-		10,000,000	10,000,000	-	
ISTEA (Nogales-LA)		6,936,147	-		6,936,147	6,936,147	-	
CMAQ (Nogales-LA)		6,347,000	-		6,347,000	6,347,000	-	
	Subtotal	252,643,795	(7,953,080)		244,690,715	244,690,715	-	
<b>State</b>								
ITIP		39,000,000	(18,426)	d	38,981,574	38,981,574	-	
PUC (Section 190)		10,000,000	-		10,000,000	10,000,000	-	
TCRP		150,000,000	(19,700,000)	e	130,300,000	130,300,000	-	
Prop 1B - HRCSA (Nogales-LA/Fullerton)		43,906,000	-		43,906,000	43,906,000	-	
TCIF (SG Trench/Baldwin/Fairway/Puente)		420,497,000	-		420,497,000	419,576,000	921,000	
	Subtotal	663,403,000	(19,718,426)		643,684,574	642,763,574	921,000	
<b>Local</b>								
MTA 1 (FY 98-02)	C 25%	37,500,000	(23,360,000)	f	14,140,000	14,140,000	-	
MTA 2 (FY 03-05)	C 10%	1,857,000	-		1,857,000	1,857,000	-	
MTA 2 (FY 03-05)	C 25%	13,178,000	-		13,178,000	13,178,000	-	
MTA 2 (FY 03-05)	AB 3090	9,308,000	-		9,308,000	9,308,000	-	
MTA 2 (FY 03-05)	STIP-RIP	5,496,000	-		5,496,000	5,496,000	-	
MTA 3 (FY 06-09)	C 25%	85,000,000	-		85,000,000	85,000,000	-	
MTA 4 (FY 09-15)	C 25%-Remaining	28,566,800	-		28,566,800	28,566,800	-	
MTA 5 (FY 09-15)	C 25%-Supplemental	112,324,000	-		112,324,000	102,345,000	9,979,000	
MTA 6 (Nogales-LA)	C 25%	28,849,000	-		28,849,000	28,849,000	-	
MTA 7 (Phase II)	Measure R	400,000,000	-	g	400,000,000	368,997,000	31,003,000	(8,204,000)
	Subtotal	722,078,800	(23,360,000)		698,718,800	657,736,800	40,982,000	
<b>Other Sources</b>								
Railroad (UPRR/Metrolink)		40,552,000	-	h	40,552,000	30,866,000	9,686,000	(475,000)
Cities/LA County (Nogales-LA)		9,915,303	-		9,915,303	9,915,303	-	
Betterments (Cities/Metrolink)		35,527,807	-		35,527,807	35,527,807	-	9,254,232
MWD (Brea Canyon)		2,207,402	-		2,207,402	2,207,402	-	
Property Sale		3,224,226	-		3,224,226	2,894,012	330,214	
	Subtotal	91,426,738	-		91,426,738	81,410,524	10,016,214	
<b>TOTAL GRANTS</b>		<b>1,729,552,333</b>	<b>(51,031,506)</b>		<b>1,678,520,827</b>	<b>1,626,601,613</b>	<b>51,919,214</b>	
<b>Other Income</b>								
Property Rental Income		139,316	-		139,316	-	139,316	
Recovered Costs		17,288	-	i	17,288	-	17,288	
	Subtotal	156,604	-		156,604	-	156,604	
<b>TOTAL ACE Construction</b>		<b>1,729,708,937</b>	<b>(51,031,506)</b>		<b>1,678,677,431</b>	<b>1,626,601,613</b>	<b>52,075,818</b>	<b>575,232</b>

**Notes:**

- a) Transferred by LA County to ACE for the Nogales-LA project.
- b) Federal budgetary reduction.
- c) Based on Caltrans updated OA, appropriations reduced by 10% instead of 15%.
- d) \$18K for Ramona lapsed in June 2008 prior to project closeout.
- e) \$19.7 million programmed to other entities (yet to be allocated by State).
- f) Allocated to City of LA.
- g) Of the \$400M Measure R funds, \$135M has executed MOU.
- h) Based on individual projects, UPRR paid 1/2 before and 1/2 after construction phase.  
\$39.552M committed by UPRR but due to phasing of construction, only \$23.360M has been received.
- i) Costs recovered from audit after a project had been closed.

EXHIBIT II - ACE PROJECTS FUNDING BY SOURCE

As of September 30, 2016

(\$ 000's)

Project	Task	Fed #	All																	
			TEA-21	NCPD/STP	SAFETEA	ITIP	ISTEA/CMQ	FRA/PUC	TCRP	Prop 1B	MTA 1	MTA 2	MTA 3	MTA 4	MTA 5	MTA 6	MTA 7	Railroad	Prop Sale	Cities/Better
<b>Total</b>			3,707											100			3,607			
212 At-Grade Crossing	Design	n/a	311											311						
	ROW	n/a	15,822											13,079			2,743			
	Constr	n/a	19,840											13,490			6,350			
	<b>Total</b>																			
102 Baldwin	Design	(017)	5,390	3,013		753								432						
	ROW	(028)	37,237		21,008						495	696		4,347						
	Constr	(017)	27,738					27,738			9,382	2,500								
	<b>Total</b>																			
Baldwin Total			70,365	3,013	21,008	753		27,738			9,877	3,196		4,779						
208 Durfee	Design	(039)	8,738		6,984									1,754						
	ROW	n/a	27,771		3,556									11,173			8,800			2,894
	Constr	n/a	41,872		3,883												37,989			
	<b>Total</b>		78,381		14,422									12,927			46,789			2,894
204 Fairway-LA	Design	(036)	8,231											8,171						
	ROW	n/a	34,198										60				33,541			
	Constr	n/a	139,357					71,000						538			15,474			
	<b>Total</b>		151,786					71,000						538			49,015			9,916
Fairway-LA Total			151,786					71,000						538			49,015			9,916
207 Fullerton	Design	n/a	10,583											1,970			8,613			
	ROW	n/a	25,412											16,333			9,079			
	Constr	n/a	110,622					53,366						2,194			42,716			4,508
	<b>Total</b>		146,617					53,366						20,497			60,408			7,838
Fullerton Total			146,617					53,366						20,497			60,408			7,838
205 Hamilton	Design	n/a	1,767											1,242			525			
	ROW	n/a	22											22						
	Constr	n/a	1,789											1,264			525			
	<b>Total</b>		1,798											1,264			525			
209 Montebello	Design	n/a	12,970											4,023			8,947			
	ROW	n/a	27,200											100			27,100			
	Constr	n/a	101,830					53,366									84,379			17,451
	<b>Total</b>		142,000					53,366						4,123			120,426			17,451
250 Nogales-LA	Design	(032)	4,706	932													1,766			2,008
	ROW	(035)	50,295														6,877			27,083
	Constr	(032)	66,087	3,321	570	12,810		25,600												
	<b>Total</b>		121,088	4,253	570	12,810		25,600									6,877			28,849
Nogales-LA Total			121,088	4,253	570	12,810		25,600									6,877			28,849
202 Puente	Design	(034)	9,413			(0)								84			9,329			
	ROW	n/a	30,163											9,683			20,480			
	Constr	(040)	56,882					48,000						984			7,898			
	<b>Total</b>		96,458			(0)		48,000						84			19,996			28,378
201 SG Trench	Design	(030)	33,458	120	1,881	11,913				3	27	3,006	1,365				15,144			
	ROW	n/a	33,273		500									3,055			27,533			703
	Constr	(037)(038)	246,026					237,778									5,323			
	<b>Total</b>		312,758	120	2,381	11,913		237,778		3	27	3,006	1,365				48,000			5,110
SG Trench Total			312,758	120	2,381	11,913		237,778		3	27	3,006	1,365				48,000			5,110
109 Temple	Design	(009)	7,265	4,680						1,168	151	978	288							
	ROW	(009)	13,070	7,768						969	1,370	2,260								
	Constr	(009)	71,785	36,073	3,884	1,043		1,387		33	7,589	13,505	3,950							4,321
	<b>Total</b>		92,121	48,522	3,884	1,043		1,387		2,169	9,110	16,743	4,238							5,024
210 Turnbull Cyn	Design	n/a	10,106											1,000			9,106			
	ROW	n/a																		
	Constr	n/a																		
	<b>Total</b>		10,106											1,000			9,106			
Turnbull Cyn Total			10,106											1,000			9,106			

**EXHIBIT II - ACE PROJECTS FUNDING BY SOURCE**  
As of September 30, 2016  
(\$ 000's)

Project	Task	Fed #	All																		
			TEA-21	NCPD/STP	SAFETEA	PIIP	ISTEA/CMQ	FRA/PUC	TCRP	Prop 1B	MTA 1	MTA 2	MTA 3	MTA 4	MTA 5	MTA 6	MTA 7	Railroad	Prop Sale	Cities/Better	
101	Ramona	(002)	4,355	3,560	-	-	-	-	-	-	795	-	-	-	-	-	-	-	-	-	
	Design	(002)	8,156	2,400	-	-	-	-	-	-	215	5,494	48	-	-	-	-	-	-	-	
	ROW	(002)	40,580	16,684	4,158	5,533	-	-	-	-	8,083	2,324	1,680	-	-	-	-	1,000	-	1,119	
	Constr	(002)	53,091	22,644	4,158	5,533	-	-	-	1,010	13,577	2,372	1,680	-	-	-	-	1,000	-	1,119	
	Ramona Total		4,034	2,560	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
105	Nogales-AH	(005)	17,231	9,829	2,397	2,364	-	-	-	700	1,940	-	-	-	-	-	-	-	-	-	
	Design	(005)	28,534	1,841	-	21,580	-	-	-	382	225	-	-	-	-	-	-	-	-	-	
	ROW	(005)	49,798	14,230	2,397	25,417	-	-	-	1,082	2,166	-	-	-	-	-	-	-	-	-	
	Constr	(005)	4,739	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Design	(020)	3,326	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	ROW	(026)	85,797	-	1,673	-	-	-	-	-	565	14,607	16,691	345	-	-	-	-	-	-	
	Constr	TCRP	93,862	100	1,673	-	-	-	52,220	-	15,511	16,691	1,232	-	-	-	-	-	-	6,434	
	Sunset Total		4,295	1,952	1,240	952	-	-	-	-	97	54	-	-	-	-	-	-	-	-	
110	East End	(003)	4,478	3,131	-	1,347	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	Design	(003)	3,620	2,896	-	600	-	-	-	122	2	-	-	-	-	-	-	-	-	-	
	ROW	(010)	9,431	5,718	-	2,255	-	-	-	286	919	253	-	-	-	-	-	-	-	-	
	Constr	(010)	57,176	-	-	407	-	-	46,780	-	433	9,557	-	-	-	-	-	-	-	-	
	TCRP		79,000	13,697	1,240	5,561	-	-	46,780	-	122	818	10,550	253	-	-	-	-	-	-	
	EE/Reservoir Total		4,556	1,191	-	410	-	-	2,500	-	-	455	-	-	-	-	-	-	-	-	
111	Brea Canyon	(019)	12,881	-	1,485	5,521	-	-	2,000	-	-	3,875	-	-	-	-	-	-	-	-	
	Design	(027)	56,466	-	-	-	-	-	5,000	21,007	-	21,745	-	-	-	-	-	-	-	-	
	ROW	TCRP	78,903	1,191	1,485	5,521	410	-	5,000	25,507	-	26,075	-	-	-	-	-	-	-	8,715	
	Constr		8,057	6,072	-	265	-	-	-	1,541	-	179	-	-	-	-	-	-	-	-	
	Design	(001)	3,582	2,866	-	-	-	-	-	612	239	(134)	-	-	-	-	-	-	-	-	
	ROW	(001)	11,639	8,938	-	265	-	-	-	2,153	239	45	-	-	-	-	-	-	-	-	
	Constr	(001)	242	240	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	
	Design	(006)	158	160	-	-	-	-	-	(2)	-	-	-	-	-	-	-	-	-	-	
	ROW	(006)	2,270	1,578	-	-	-	-	-	515	96	81	-	-	-	-	-	-	-	-	
	Constr	(015)	2,670	1,978	-	-	-	-	-	517	94	81	-	-	-	-	-	-	-	-	
	JS - Mission Sub-Total		4,832	3,863	-	-	-	-	-	888	38	43	-	-	-	-	-	-	-	-	
315	JS - Quad Gates	(016)	2,936	2,164	-	-	-	-	-	374	167	231	-	-	-	-	-	-	-	-	
320	IRRIIS - Train	(007)	3,553	2,845	-	-	-	-	-	96	615	(2)	-	-	-	-	-	-	-	-	
321	JS - Phase 1	(008)	4,991	3,992	-	-	-	-	-	-	1,000	(1)	-	-	-	-	-	-	-	-	
322	JS - Phase 2	(014)	3,520	2,502	-	-	-	-	-	727	290	-	-	-	-	-	-	-	-	-	
325	IRRIIS - Traffic	(021)	34,141	26,282	-	265	-	-	-	4,028	2,880	686	-	-	-	-	-	-	-	-	
	JS/Safety/IRRIIS Total		1,614,675	134,053	17,464	67,346	38,982	13,283	22,544	130,300	463,482	84,414	28,578	84,800	27,567	98,606	28,849	368,997	30,866	2,894	47,651
	Total Projects		11,926	-	-	-	-	-	-	5,726	1,261	200	1,000	3,739	-	-	-	-	-	-	-
	Start-up/Misc	MTA	1,626,602	134,053	17,464	67,346	38,982	13,283	22,544	130,300	463,482	14,140	29,839	85,000	28,567	102,345	28,849	368,997	30,866	2,894	47,651
	Total ACE		1,678,521	134,053	17,464	67,346	38,982	13,283	22,544	130,300	463,482	14,140	29,839	85,000	28,567	112,324	28,849	400,000	40,552	3,224	47,651
	Net Authorized Allocated to Projects		1,626,602	134,053	17,464	67,346	38,982	13,283	22,544	130,300	463,482	14,140	29,839	85,000	28,567	102,345	28,849	368,997	30,866	2,894	47,651
	Surplus / (Shortfall)		51,919	(0)	0	(0)	0	(0)	(0)	-	921	-	0	9,979	0	9,979	-	31,003	9,686	330	0
	Other Income		157	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Total Surplus / (Shortfall)		52,076	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MTA 1 : MOU P0004367  
 MTA 2 : MOU 8002  
 MTA 3-5 : AMENDMENTS TO MOU  
 MTA 6 : MOU P000F1159 (Nogales-LA)  
 MTA 7 : MOU 8002R (Measure R-Phase II)

**Exhibit II - ACE PROJECTS FUNDING BY SOURCE**  
**Changes in Funding on Active Projects**  
**As of September 30, 2016**  
**(\$ 000's)**

Project	Task	6/30/2016		TEA-21		PUC	TCIF	102.3M		26.849M		Mess R		City	9/30/2016	Comments
		SAFETEA-LU	TEA-21	MTA 5	MTA 6			MTA 7	MTA 7	MTA 7	MTA 7					
At-Grade Crossing	Design														3,707	
	ROW														311	
	Constr														15,822	
At-Grade Crossing Total															19,840	
Baldwin	Design														5,413	
	ROW														37,237	
	Constr														27,738	
Baldwin Total															70,388	
Durfee	Design														8,738	
	ROW														27,771	
	Constr														41,872	
Durfee Total															78,381	
Fairway-LA	Design														8,231	
	ROW														34,198	
	Constr									(4,916)				4,916	96,928	Additional Betterment funds
Fairway-LA Total															139,357	
Fullerton	Design														10,583	
	ROW								(1,194)						25,412	Based on revised budget
	Constr								1,194	(5,786)				4,338	110,622	Additional Betterment funds
Fullerton Total															145,567	
Hamilton	Design														1,767	
	ROW														22	
	Constr														-	
Hamilton Total															1,789	
Montebello	Design														12,600	
	ROW									370					12,970	Based on revised budget
	Constr									(370)					101,830	Based on revised budget
Montebello Total															142,000	
Nogales-LA	Design														4,706	
	ROW														50,295	
	Constr									(475)					66,087	Based on revised budget
Nogales-LA Total															121,088	
Puente	Design														9,413	
	ROW														30,163	
	Constr														56,882	
Puente Total															96,458	
SG Trench	Design														33,458	
	ROW														33,273	
	Constr									(60)					246,026	Based on revised budget
SG Trench Total															312,757	Based on revised budget
Temple	Design														7,265	
	ROW														13,070	
	Constr														71,785	
Temple Total															92,120	
Turnbull Cyn	Design														10,106	
	ROW														-	
	Constr														-	
Turnbull Cyn Total															10,106	
NET CHANGE															575	

# Exhibit III

## ACE Projects Allocation vs. Actual Summary

As of September 30, 2016

		(\$ 000's)							
	Project	Cost Estimate (1997)	Cost Estimate (2006)	(Exhibit II) Total Allocated to Projects	ITD Expenditures (Exhibit V)	Estimate at ** Completion Exhibit IV	Variance (Allocated vs. Estimate at Completion)	Status	
	Start-up/Misc			\$ 11,926	\$ 9,882				
<b>ACE Projects</b>									
1	At-Grade Crossing Safety Improvements	N/A	N/A	\$ 19,840	\$ 886	\$ 19,839	\$ 1	Active	
2	Durfee Road	N/A	N/A	78,381	18,375	78,381	-	Active	
3	Fairway Drive (LA)	N/A	N/A	139,357	58,566	139,357	-	Active	
4	Fullerton Road	N/A	N/A	146,617	33,674	146,617	-	Active	
5	Montebello Corridor	N/A	N/A	142,000	2,338	142,000	-	Active	
6	Nogales South (LA)	24,307	N/A	121,088	111,154	118,245	2,843	Active	
7	Puente Avenue	N/A	N/A	96,458	58,227	96,458	-	Active	
8	San Gabriel Trench	198,205	N/A	312,758	229,123	312,755	3	Active	
9	Temple Avenue	35,985	80,272	92,121	90,181	92,121	-	Active	
10	Turnbull Canyon Road	N/A	N/A	10,106	228	10,106	-	Preliminary	
11	Baldwin Avenue	23,994	64,765	70,365	70,365	70,364	1	Closed	
12	Brea Canyon	26,571	64,401	73,903	73,459	73,903	-	Closed	
13	Crossing Safety/IRRIS	61,000	35,200	34,141	34,343	34,141	-	Closed	
14	East End/Reservoir	56,571	69,180	79,000	78,960	79,000	-	Closed	
15	Hamilton Blvd.	N/A	N/A	1,789	1,789	1,789	-	Closed	
16	Nogales North (Alh)	39,636	54,599	49,798	49,797	49,798	-	Closed	
17	Ramona Blvd.	14,489	47,102	53,091	53,091	53,091	-	Closed	
18	Sunset Avenue	22,259	70,502	93,862	93,794	93,862	-	Closed	
	<b>Subtotal</b>	<b>\$ 503,017</b>	<b>\$ 486,021</b>	<b>\$ 1,626,601</b>	<b>\$ 1,068,232</b>	<b>\$ 1,611,827</b>	<b>\$ 2,847</b>		
<b>Estimated Total Project Cost</b>		<b>\$ 950,000</b>	<b>\$ 1,400,000</b>						
<b>Net Authorized</b>		<b>\$ 1,678,520,827</b>							
<b>Allocated Available</b>		<b>\$ 1,626,601,613</b>							
		<b>\$ 51,919,214</b>							

\*\* Excludes Start-up/Misc of \$11.926M to agree with Exhibit-IV EAC.



## Exhibit IV Expenditure Forecast (Active Projects)

As of September 30, 2016  
(\$ millions)

ITD	Actual 2016	Budget Estimate <sup>A</sup>		Forecast		EAC <sup>C</sup>		
		2017	2018	2019	2020 <sup>B</sup>	Q4 FY16	Change	Q1 FY17
<b>Active Projects</b>								
At-Grade Crossing Safety	0.1	1.5	1.5	7.7	10.3	19.8		19.8
Durfee Road	7.6	14.2	14.2	24.6	18.5	78.4	10.9	78.4
Fairway Drive (LA)	37.8	25.7	25.7	23.1	27.8	139.4	12.9	139.4
Fullerton Road	26.8	26.0	27.1	31.3	34.0	145.5	13.3	146.6
Montebello Corridor	0.1	4.9	4.9	25.6	11.3	142.0	99.9	142.0
Nogales (LA)	88.4	3.8	5.5			118.2		118.2
Puente Ave	41.0	15.5	15.5	20.6	7.3	96.5		96.5
San Gabriel Trench	169.0	41.4	41.4	44.6	2.5	312.8		312.8
Temple	88.9	0.2	3.0			92.1		92.1
Turnbull Canyon Rd	0.0	0.5	0.5	9.5		10.0	0.0	10.0
<b>Completed Projects</b>								
Baldwin	69.9					70.4		70.4
Brea Cyn	73.9					73.9		73.9
Crossing Safety/IRIS	34.2					34.2		34.2
East End/Reservoir	79.0					79.0		79.0
Hamilton Blvd.	1.8					1.8		1.8
Nogales (Alh)	49.8					49.8		49.8
Ramona	53.1					53.1		53.1
Sunset	93.8					93.8		93.8
<b>Total</b>	<b>915.2</b>	<b>121.6</b>	<b>133.5</b>	<b>187.0</b>	<b>111.7</b>	<b>1,610.7</b>	<b>1.1</b>	<b>1,611.8</b>

Note: Project forecasts include indirect cost.

<sup>A</sup> 2017 estimate includes mid-year adjustments <sup>D</sup> Utility Relocations

<sup>B</sup> Includes costs beyond 2020

<sup>C</sup> EAC includes 2017 estimate

# Exhibit V

## ACE Expenditures vs. Reimbursements

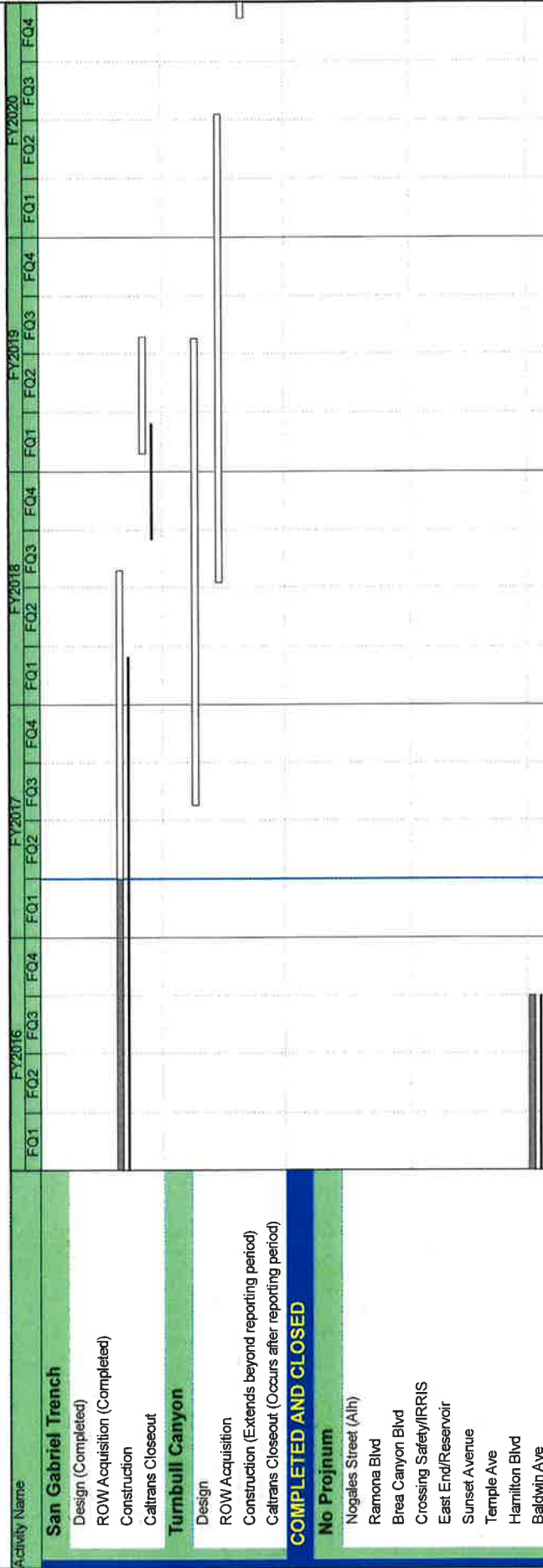
As of September 30, 2016

Projects	Reimbursement Status (\$ 000)						
	ITD Expenditures	Received	30 days or Less	Aged Receivable	To Be Billed	MTA Retention	
At Grade Crossing	\$ 886	\$ 787	\$ -	\$ -	\$ 98	\$ -	1
Baldwin	70,365	70,336	-	-	-	-	29
Durfee	18,375	17,602	281	-	420	-	73
Fairway Drive	58,566	54,302	3,320	-	751	-	193
Fullerton	33,674	28,755	1,059	-	3,356	-	505
Montebello	2,338	2,069	-	-	267	-	2
Nogales (LA)	111,154	103,607	-	-	6,836	-	712
Puente Ave.	58,227	56,729	1,134	-	151	-	214
SG Trench	229,123	224,474	4,502	-	59	-	88
Temple	90,181	89,367	-	-	814	-	-
Tumbull Cyn.	228	170	-	-	50	-	7
Brea Canyon	73,459	73,459	-	-	-	-	-
Crossing Safety / IRRIS	34,343	34,343	-	-	-	-	-
EE/Reservoir	78,960	78,960	-	-	-	-	-
Hamilton	1,789	1,738	-	-	-	-	51
Nogales (AH)	49,797	49,797	-	-	-	-	-
Ramona	53,091	53,091	-	-	-	-	-
Sunset	93,794	93,784	-	-	-	-	9
Sub-total Projects	1,058,350	1,033,370	10,296	-	12,800	-	1,884
Project Administration	9,882	9,800	-	-	82	-	-
Total ACE	\$ 1,068,232	\$ 1,043,169	\$ 10,296	\$ -	\$ 12,882	\$ -	1,884

# Exhibit VI Project Schedules As of 09/30/16

Activity Name	FY2016				FY2017				FY2018				FY2019				FY2020			
	FQ1	FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4	FQ1	FQ2	FQ3	FQ4
<b>ACTIVE PROJECTS</b>																				
<b>At-Grade Crossing Safety</b>																				
Design																				
Construction																				
Closeout																				
<b>Durfee Avenue</b>																				
ROW Acquisition																				
Design																				
Construction																				
Caltrans Closeout (Occurs after reporting period)																				
<b>Fairway Drive (LA)</b>																				
ROW Acquisition (Completed)																				
Design (Completed)																				
Construction																				
Caltrans Closeout (Extends beyond reporting period)																				
<b>Fullerton Road</b>																				
ROW Acquisition (Completed)																				
Design (Completed)																				
Construction																				
Caltrans Closeout (Occurs after reporting period)																				
<b>Montebello Corridor</b>																				
Design																				
ROW Acquisition																				
Construction (Extends beyond reporting period)																				
Caltrans Closeout (Occurs after reporting period)																				
<b>Nogales (LA)</b>																				
Design (Completed)																				
ROW Acquisition (Completed)																				
Construction																				
Caltrans Closeout																				
<b>Puente Avenue</b>																				
ROW Acquisition (Completed)																				
Design (Completed)																				
Construction																				
Caltrans Closeout																				

# Exhibit VI Project Schedules As of 09/30/16



Previous Report  
 Actual Work  
 Remaining Work  
 Critical Remaining Work

# Exhibit VII

## Treasury / Banking Investments

As of September 30, 2016

	09.30.2016	Change	Preliminary 06.30.2016
<b><u>Cash on hand</u></b>			
Operating Account	\$ 2,884,255	\$ 2,217,004	\$ 667,252
Money Market Account	10,220,753	(2,545,373)	12,766,126
Money Market (UPRR Contributions)	7,687,672	6,591	7,681,080
<b>Total cash on hand</b>	<b>20,792,680</b>	<b>(321,778)</b>	<b>21,114,458</b>
<b><u>Investments</u></b>			
LAIIF	1,585,341	2,154	1,583,187
CBT - Portfolio	30,800,250	10,084,723	20,715,527
<b>Total Investments</b>	<b>32,385,591</b>	<b>10,086,877</b>	<b>22,298,715</b>
<b>Current - 30 days or less</b>	<b>10,295,618</b>	<b>(8,371,208)</b>	<b>18,666,826</b>
<b><u>Aged Receivable To Be Billed</u></b>	<b>-</b>	<b>-</b>	<b>-</b>
<b><u>MTA Retention</u></b>	<b>12,882,850</b>	<b>7,174,939</b>	<b>5,707,911</b>
<b>Total Exhibit V</b>	<b>1,883,752</b>	<b>100,534</b>	<b>1,783,218</b>
	<b>25,062,220</b>	<b>(1,095,735)</b>	<b>26,157,955</b>
<b>Other receivables, prepaids and deferred costs</b>	<b>6,903,418</b>	<b>1,058,815</b>	<b>5,844,603</b>
<b>Total Cash, Cash Equivalents &amp; Receivables</b>	<b>85,143,909</b>	<b>9,728,178</b>	<b>75,415,731</b>
<b><u>Liabilities</u></b>			
Payables & other Accruals	2,124,674	(2,483,304)	4,607,978
Unearned revenues	23,471,627 (a.)	12,204,189	11,267,438
MTA Working Capital Loan	45,000,000	-	45,000,000
<b>Total liabilities</b>	<b>70,596,301</b>	<b>9,720,885</b>	<b>60,875,415</b>
<b>Fund balance</b>			
Resources net of actual liabilities	14,547,608	7,292	14,540,316
Less estimated:			
CalPERS - Unfunded Liability at 06-30-14	1,038,037 (b.)	-	1,038,037
CalPERS - Hypothetical Termination Liability at 06-30-13	3,954,681 (b.)	-	3,954,681
<b>Resources net of estimated liabilities</b>	<b>\$ 9,554,890</b>	<b>7,292 (c.)</b>	<b>\$ 9,547,598</b>

a.) Represents surplus property appraised value, net proceeds from sale of ROW surplus properties, advanced UPRR funding, disallowed retention, and Betterment funds billed in advance to City of Industry for Fairway Drive and Fullerton projects.

b.) CalPERS unfunded and termination liabilities amounts will be updated pending new report.

c.) Fund balance at 06-30-16 decreased \$1,102, to \$14,539,214, understating the \$8,393 increase on 09-30-16, by same amount

# Exhibit VII

## Treasury / Banking Investments

As of September 30, 2016

Deposit/ Investment Amount 09.30.2016	% of Invest- ments	Bank Deposits	Maximum Maturity	Maximum Percent of Portfolio	Maximum Investment in One Issuer
		<b>ACE deposits are held by Citizens Business Bank (CBB) under a deposit agreement in amounts not to exceed \$50 million. Under the agreement, CBB maintains collateral deposits of at least 110% of the value of all ACE deposits at Bank of New York Mellon in eligible securities. The CBB deposits accounts are:</b>			
\$ 2,884,255		Checking Account			
17,908,425		Money Market Accounts (3) *			
20,792,680		Total Deposits			
		<b>Permitted Investments **</b>			
\$ 11,706,714	36.16%	Government Securities (3.0-5.0 years)	5 years	50%	15% <=
9,133,443	28.21%	Corporate Bonds (3.40-4.99 years)	5 years	30%	10% <=
2,750,640	8.50%	Gov't Mortgages (4.06-4.78 years)	5 years	15%	None stated
744,498	2.30%	Municipals (4.7-5.03 years)	None stated	None stated	None stated
4,383,577	13.54%	CDs (2.75-5.01 years)	5 years	30%	10% <=
2,081,378	6.43%	Money Markets	None stated	None stated	None stated
\$ 30,800,250	95.13%	Subtotal Investments - Book value *			
1,585,341	4.90%	State's Local Agency Investment Fund	None stated	None stated	None stated
32,385,591	100.00%	Total Investments			
\$ 53,178,271		<b>Total</b>			

\* Note: Includes \$23,471,627 of unearned revenues

\*\* Complies with SGVCOG Investment Policy

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

**As of September 2016**

<b>LOCATION:</b> Pomona	<b>CONSTRUCTION MANAGER:</b> TBD
<b>DESIGN CONSULTANT:</b> Railpros	<b>CONTRACTOR:</b> TBD

<b>PHOTO</b> Example of At-Grade Improvements	<b>WORK COMPLETED PAST QUARTER</b>
	<ul style="list-style-type: none"> <li>Submitted Concepts and Traffic Study for UPRR Review</li> <li>Completed the Draft Hydrology and Hydraulics Report</li> <li>Negotiated Scope of Work and Cost for the Preparation of the 35% Preliminary Engineering</li> </ul>

<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN (35% only)	18%	\$3.7	\$0.8	<b>Environmental</b>			
				Statutory Exemption	Jan-17	Jun-17	22
RIGHT-OF-WAY	0%	\$0.3	\$0.0	<b>Design</b>			
				Notice To Proceed	May-15 A	May-15 A	
				Final PS&E Complete	Mar-18	Mar-18	0
CONSTRUCTION	0%	\$15.8	\$0.0	<b>Right-of-Way</b>			
				All Parcels Available	Aug-18	Aug-18	0
TOTAL	4%	\$19.8	\$0.8	<b>Construction</b>			
				Notice To Proceed	Jan-19	Jan-19	0
				Construction Complete	May-20	Sep-19	(36)

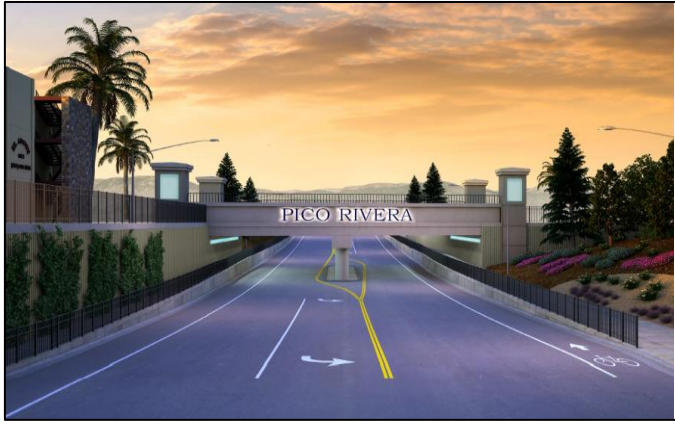
<b>AREAS OF CONCERN</b>	<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>
	<ul style="list-style-type: none"> <li>Revise Concepts per UPRR Review</li> <li>Complete the Final Hydrology and Hydraulics Report</li> <li>Begin the 35% Preliminary Engineering Phase</li> <li>Obtain UPRR Right-of-Entry Permit for Surveying and Utility Potholing</li> </ul>

<b>ROW ACQUISITION</b>	<b>Plan</b>	<b>Acquired</b>	<b>Remaining</b>
o Permanent Parcels	TBD		
o Temporary Parcels	TBD		
<b>o Total Parcels</b>	<b>0</b>	<b>0</b>	<b>0</b>

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

**As of September 2016**

<b>LOCATION:</b> Pico Rivera	<b>CONSTRUCTION MANAGER:</b> PB Americas
<b>DESIGN CONSULTANT:</b> URS	<b>CONTRACTOR:</b> TBD

<b>PHOTO</b> Photo Simulation of Future Grade Separation	<b>WORK COMPLETED PAST QUARTER</b>
	<ul style="list-style-type: none"> <li>▪ Continued Stakeholder, Utility, and Other Agency Coordination</li> <li>▪ Continued Work on the 100% PS&amp;E</li> <li>▪ Began Constructability Review</li> <li>▪ Continued ROW Acquisition and Relocation Activities</li> <li>▪ Continued Demolition Activities</li> <li>▪ Continued Coordination with Private Property Owners for Final Approval of Site Improvements</li> <li>▪ Continued Work on the C&amp;M Agreement with UPRR</li> <li>▪ Scheduled CPUC Field Diagnostic</li> </ul>

<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	85%	\$8.4	\$7.0	<b>Environmental</b>			
				NEPA/CEQA	Jul-14 A	Jul-14 A	
RIGHT-OF-WAY	36%	\$29.5	\$11.1	<b>Design</b>			
				Notice To Proceed	Oct-12 A	Oct-12 A	
				Final PS&E Complete	Oct-16	Feb-17	17
CONSTRUCTION	0%	\$40.5	\$0.0	<b>Right-of-Way</b>			
				All Parcels Available	Nov-16	Jan-17	12
TOTAL	23%	\$78.4	\$18.1	<b>Construction</b>			
				Notice To Proceed	Jul-17	Oct-17	13
				Construction Complete	Jan-20	Apr-20	13

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



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

**As of September 2016**

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

<b>PHOTO</b> Retaining Wall 7 footing	<b>WORK COMPLETED PAST QUARTER</b>
	<p>Continued the installation of Phase 1 aggregate piers along UPRR.</p> <p>Completed the construction of SCE shoofly line crossing the tracks.</p> <p>Continued the relocation of WWWD and Verizon facilities at the intersection.</p> <p>Began construction of retaining wall no. 7.</p>

<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$8.2	\$8.2	<b>Environmental</b>			
				IS/ND	Oct-12 A	Oct-12 A	
RIGHT-OF-WAY	80%	\$34.2	\$26.7	<b>Design</b>			
				Notice To Proceed	Apr-11 A	Apr-11 A	
				Final PS&E Complete	Jul-14 A	Jul-14 A	
CONSTRUCTION	15%	\$96.9	\$21.7	<b>Right-of-Way</b>			
				All Parcels Available	Apr-14 A	Apr-14 A	
TOTAL	41%	\$139.4	\$56.5	<b>Construction</b>			
				Notice To Proceed	Dec-14 A	Dec-14 A	
				Construction Complete	Apr-19	Aug-19	17


<b>AREAS OF CONCERN</b>	<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>
Timely relocation of third party utilities within original schedule is critical to maintaining the overall project schedule.	<p>WWWD to complete their relocations</p> <p>Complete Phase 1 aggregate piers installation.</p> <p>Proceed on the Lemon Avenue on-ramp activities.</p>

<b>ROW ACQUISITION</b>	<b>Plan</b>	<b>Acquired</b>	<b>Remaining</b>
o Permanent Parcels	40	12	28
o Temporary Parcels	26	13	13
<b>o Total Parcels</b>	<b>66</b>	<b>25</b>	<b>41</b>

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

**As of September 2016**

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

<b>PHOTO</b> Pump Station Excavation	<b>WORK COMPLETED PAST QUARTER</b>
	Completed implementation of electronic document management system Established field offices Issued full Notice to proceed Held groundbreaking ceremony Held partnering meeting Obtained Caltrans encroachment permit Started pump station excavation Started MCI fiber optic relocation


<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$10.6	\$10.6	<b>Environmental</b>			
				Categorical Exemption IS/ND	Oct-13 A	Oct-13 A	
RIGHT-OF-WAY	90%	\$25.4	\$19.3	<b>Design</b>			
				Notice To Proceed	Oct-12 A	Oct-12 A	
				Final PS&E Complete	Dec-15 A	Dec-15 A	
CONSTRUCTION	3%	\$110.6	\$3.4	<b>Right-of-Way</b>			
				All Parcels Available	Oct-15 A	Oct-15 A	
TOTAL	23%	\$146.6	\$33.3	<b>Construction</b>			
				Notice To Proceed	Jul-16	Jul-16 A	
				Construction Complete	Mar-20	Apr-20	2

<b>AREAS OF CONCERN</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
				Complete fiber optic relocation  Complete pump station excavation and shoring  Construct Rowland/Lawson intersection widening  Construct Retaining Wall #9  South Fullerton Road widening outside lanes			
<b>ROW ACQUISITION</b>	<b>Plan</b>	<b>Acquired</b>	<b>Remaining</b>				
o Permanent Parcels	35	14	21				
o Temporary Parcels	18	11	7				
<b>o Total Parcels</b>	<b>53</b>	<b>25</b>	<b>28</b>				

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

**As of September 2016**

<b>LOCATION:</b> Montebello	<b>CONSTRUCTION MANAGER:</b> TBD
<b>DESIGN CONSULTANT:</b> Moffat & Nichol	<b>CONTRACTOR:</b> TBD

<b>PHOTO</b> Montebello Boulevard	<b>WORK COMPLETED PAST QUARTER</b>
	<ul style="list-style-type: none"> <li>Presented Concepts to City Council in July for Approval</li> <li>Started Revisions to all Tech Reports and Plans per Council-Approved Concept</li> <li>Completed Final Phase 1 Environmental Site Assessment</li> <li>Completed Draft Traffic Study</li> <li>Completed Draft Hydrology and Hydraulics Memorandum</li> <li>Continued Work on Draft Structures Type Selection Report</li> <li>Continued Work on Draft UPRR Concept Submittal</li> <li>Continued Coordination with Stakeholders and Impacted Property Owners</li> <li>Negotiated Scope of Work and Cost for the Preparation of the 35% Preliminary Engineering</li> </ul>

<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN (35% only)	14%	\$13.0	\$2.3	<b>Environmental</b>			
				Statutory Exemption	Sep-17	Dec-17	12
RIGHT-OF-WAY	0%	\$27.2	\$0.0	<b>Design</b>			
				Notice To Proceed	Sep-15 A	Sep-15 A	
				Final PS&E Complete	Jul-18	Jun-19	46
CONSTRUCTION	0%	\$101.8	\$0.0	<b>Right-of-Way</b>			
				All Parcels Available	Mar-19	Jun-19	14
TOTAL	2%	\$142.0	\$2.3	<b>Construction</b>			
				Notice To Proceed	Aug-19	Nov-19	13
				Construction Complete	Aug-22	Nov-22	13

<b>AREAS OF CONCERN</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
<p>City Council requested and approved modifications to the concept proposed at the July Council presentation. The proposed Maple Avenue underpass has been removed and a pedestrian overhead structure is proposed for Maple Avenue instead. The design team is working on concepts for the pedestrian structure as well as revisions to all of the draft technical reports and plans. A 3-month delay to the schedule is anticipated.</p>				<ul style="list-style-type: none"> <li>Complete Final Traffic Study</li> <li>Complete Final Hydrology and Hydraulics Memorandum</li> <li>Complete Structures Type Selection Report</li> <li>Complete UPRR Concept Submittal</li> <li>Continue Coordination with Stakeholders and Impacted Property Owners</li> <li>Begin the 35% Preliminary Engineering Phase</li> <li>Obtain UPRR Permit to Enter for Surveying</li> </ul>			
<b>ROW ACQUISITION</b>	<b>Plan</b>	<b>Acquired</b>	<b>Remaining</b>				
o Permanent Parcels	TBD						
o Temporary Parcels	TBD						
<b>o Total Parcels</b>	<b>0</b>	<b>0</b>	<b>0</b>				

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

**As of September 2016**

<b>LOCATION:</b> City of Industry	<b>CONSTRUCTION MANAGER:</b> PB Americas
<b>DESIGN CONSULTANT:</b> AECOM	<b>CONTRACTOR:</b> Griffith Company

<b>PHOTO</b> Traffic on new Nogales Street	<b>WORK COMPLETED PAST QUARTER</b>
	<p>Restored the Charlie Road Detour site to its original condition.</p> <p>Profilographing the pavement surfaces.</p> <p>Final striping for Nogales/San Jose and Gale/Walnut Drive</p> <p>Walk through with City and County staff in preparation for final project acceptance.</p> <p>Final inspection of the pump station and final utility hookup.</p> <p>Finalize landscaping installation within private parcels.</p>


<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
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%	\$50.3	\$46.8	<i>Design</i>			
				Notice To Proceed	Jul-08 A	Jul-08 A	
				Final PS&E Complete	Dec-09 A	Dec-09 A	
CONSTRUCTION	98%	\$63.2	\$59.4	<i>Right-Of-Way</i>			
				All Parcels Available	Mar-12 A	Mar-12 A	
TOTAL	94%	\$118.2	\$111.0	<i>Construction</i>			
				Notice To Proceed	Jan-13 A	Jan-13 A	
				Construction Complete	Jun-16	Jun-16	0

<b>AREAS OF CONCERN</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
				Project closeout			
<b>ROW ACQUISITION</b>	Plan	Acquired	Remaining				
o Permanent Parcels	2	2	0				
o Temporary Parcels	40	40	0				
<b>o Total Parcels</b>	<b>42</b>	<b>42</b>	<b>0</b>				

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

**As of September 2016**

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

<b>PHOTO</b> 102" Casing for storm drain	<b>WORK COMPLETED PAST QUARTER</b>
	<p>Construction continues on the 78" storm drain. Jacking operation. Verizon completed their relocation within Valley that will allow the contractor to begin structure construction. CIDH Piles for Valley Blvd structure competed Storm drain pump station walls completed</p>


<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$9.4	\$9.4	<b>Environmental</b>			
				Statutory Exemption	Apr-12 A	Apr-12 A	
RIGHT-OF-WAY	100%	\$30.2	\$24.9	<b>Design</b>			
				Notice To Proceed	Apr-11 A	Apr-11 A	
				Final PS&E Complete	Mar-14 A	Mar-14 A	
CONSTRUCTION	57%	\$56.9	\$23.4	<b>Right-of-Way</b>			
				All Parcels Available	Jan-14 A	Jan-14 A	
TOTAL	60%	\$96.5	\$57.7	<b>Construction</b>			
				Notice To Proceed	Sep-14 A	Sep-14 A	
				Construction Complete	May-18	Jul-18	8

<b>AREAS OF CONCERN</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
				Completion of storm drain tie-ins by October 14th.			
<b>ROW ACQUISITION</b>	<b>Plan</b>	<b>Acquired</b>	<b>Remaining</b>				
o Permanent Parcels	32	24	8				
o Temporary Parcels	3	3	0				
<b>o Total Parcels</b>	<b>35</b>	<b>27</b>	<b>8</b>				

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

**As of September 2016**

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

<b>PHOTO</b> West Approach Wall and Grading	<b>WORK COMPLETED PAST QUARTER</b>
	Finish work continues.

<b>EXPENDITURE STATUS</b> (\$ in Millions)				<b>SCHEDULE ASSESSMENT</b>			
ACTIVITIES	PERCENT EXPENDED	\$ CURRENT ESTIMATE	\$ EXPENDED AMOUNT	MAJOR SCHEDULE ACTIVITIES	PRIOR PLAN	CURRENT PLAN	VARIANCE WEEKS +/-
DESIGN	100%	\$33.5	\$33.5	<b>Environmental</b>			
				Statutory Exemption			
RIGHT-OF-WAY	100%	\$33.3	\$30.6	<b>Design</b>			
				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	80%	\$246.0	\$164.5	<b>Right-of-Way</b>			
				All Parcels Available	Jun-11 A	Jun-11 A	
TOTAL	73%	\$312.8	\$228.5	<b>Construction</b>			
				Notice To Proceed	Nov-11 A	Nov-11 A	
				Construction Complete	Sep-17	Jan-18	20

<b>AREAS OF CONCERN</b>				<b>CRITICAL ACTIVITIES / 3 MONTH LOOK AHEAD</b>			
Rubio Wash access ramp needs to be completed.				Production of Wall Finish as well as other finish work may delay the job.			
<b>ROW ACQUISITION</b>	<b>Plan</b>	<b>Acquired</b>	<b>Remaining</b>				
o Permanent Parcels	64	64	0				
o Temporary Parcels	62	62	0				
<b>o Total Parcels</b>	<b>126</b>	<b>126</b>	<b>0</b>				



## Alameda Corridor-East Construction Authority

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

MEMO TO: ACE Construction Authority Board Members & Alternates

FROM: Mark Christoffels  
Chief Executive Officer

DATE: October 24, 2016

SUBJECT: Quarterly ACE Environmental Mitigation Monitoring Reports

**RECOMMENDATION:** Receive and file the ACE Environmental Mitigation Monitoring Reports for the period covering the 1<sup>st</sup> quarter of Fiscal Year 2017.

**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 Construction Authority

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

<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b> <b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b> <b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b> <b>FAIRWAY DRIVE GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	<b>Air Quality</b>		
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"/>	
	<b>Archaeo &amp; Paleo Monitoring</b>		
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	
	<b>Noise &amp; Vibration</b>		
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



<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b> <b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b> <b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b> <b>FAIRWAY DRIVE GRADE SEPARATION PROJECT</b>			
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"/>
	<b>Water Quality &amp; Erosion</b>		
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 Otterbein 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
	<b>Hazardous Materials/Wastes</b>		
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"/>	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX            ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT            3rd Quarterly Report (July 1, 2016 – September 30, 2016)            FAIRWAY DRIVE GRADE SEPARATION PROJECT</b>			
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"/>	
	<b>Biological Resources</b>		
24	Bird surveys conducted prior to pruning and/or tree removal	<input checked="" type="checkbox"/> Yes. No vegetation clearing in this phase	
	<b>General Construction Conditions</b>		
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
	<b>Traffic</b>		
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 Fullerton Road Grade Separation and the Lemon On/off-ramp projects.	
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	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX            ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT            3rd Quarterly Report (July 1, 2016 – September 30, 2016)            FAIRWAY DRIVE GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
		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 ensure acceptable traffic operations are maintained on SR-60 segment from WB off-ramp to intersection of Fairway Drive and Gale Avenue/Walnut Drive	<input checked="" type="checkbox"/>	

<b>PUBLIC CONTACTS QUARTERLY REPORT (July 1, 2016 – September 30, 2016) FAIRWAY DRIVE GRADE SEPARATION PROJECT</b>			
<b>Date</b>	<b>Contact</b>	<b>Query</b>	<b>Resolution</b>
7/13/16	City Staff	Inquiry regarding road closure schedule	Information provided.
7/20/16	Resident	Inquiry regarding project schedule	Information provided.



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<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b>			
<b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b>			
<b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b>			
<b>FULLERTON ROAD GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	<b>Air Quality</b>		
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"/>	
	<b>Archaeo &amp; Paleo Monitoring</b>		
7	Worker education and briefing of monitoring archaeologists and construction inspectors conducted prior to construction	<input checked="" type="checkbox"/> The briefing was completed on September 12, 2016.	
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 is being 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, September 19, 2016	
	<b>Noise &amp; Vibration</b>		
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	<input checked="" type="checkbox"/>	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX            ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT            3rd Quarterly Report (July 1, 2016 – September 30, 2016)            FULLERTON ROAD GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	nighttime, week-ends and holidays		
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. Vibration monitoring will be conducted on an as needed basis.
	<b>Water Quality &amp; Erosion</b>		
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"/> SWPPP by Rincon Consultants, Inc., July 5, 2016, is 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
	<b>Hazardous Materials/Wastes</b>		
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	<input checked="" type="checkbox"/>	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b> <b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b> <b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b> <b>FULLERTON ROAD GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	federal, state, and local regulations		
	<b>Biological Resources</b>		
23	Bird surveys conducted prior to pruning and/or tree removal	<input checked="" type="checkbox"/>	
	<b>General Construction Conditions</b>		
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
	<b>Traffic</b>		
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"/>	
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"/>	
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 Fullerton Road closure for bridge construction	<input checked="" type="checkbox"/>	
33	Advance notice of proposed transit reroutes and any other changes in stops and service made		N/A
34	Traffic handling plans approved by the City of Industry	<input checked="" type="checkbox"/>	
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"/>	

<b>PUBLIC CONTACTS QUARTERLY REPORT</b> <b>(July 1, 2016 – September 30, 2016)</b> <b>FULLERTON ROAD GRADE SEPARATION PROJECT</b>			
<b>Date</b>	<b>Contact</b>	<b>Query</b>	<b>Resolution</b>
7/18/16	Resident	Inquiry regarding project schedule and detour information	Information provided
7/21/16	Resident	Inquiry regarding project schedule and detour information	Information provided
8/2/16	Business Owner	Inquiry regarding impacts to business due to project construction	Information provided
8/3/16	Resident	Inquiry regarding project and traffic impacts	Information provided
9/19/16	Business Owner	Inquiry regarding project status and schedule	Information provided
9/23/16	Business Owner	Inquiry regarding construction activities and traffic impact	Information provided and offered business support assistance
9/30/16	Business Owner	Inquiry regarding project schedule and construction impacts	Information provided





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<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b>			
<b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b>			
<b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b>			
<b>PUENTE AVENUE GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	<b>Air Quality</b>		
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"/>	
	<b>Archaeo &amp; Paleo Monitoring</b>		
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	
	<b>Noise &amp; Vibration</b>		
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"/>	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b>			
<b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b>			
<b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b>			
<b>PUENTE AVENUE GRADE SEPARATION PROJECT</b>			
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.
	<b>Water Quality &amp; Erosion</b>		
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
	<b>Hazardous Materials/Wastes</b>		
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 area around	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX            ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT            3rd Quarterly Report (July 1, 2016 – September 30, 2016)            PUENTE AVENUE GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
		the pump station. MWH is monitoring the excavated soil. Contaminated soil is removed from the site as it is excavated and is properly disposed of.	
	<b>Biological Resources</b>		
23	Bird surveys conducted prior to pruning and/or tree removal	<input checked="" type="checkbox"/>	
	<b>General Construction Conditions</b>		
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
	<b>Traffic</b>		
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"/> Vineland/Edison minor utility work within the 1 mile radius is ongoing.	
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	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b> <b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b> <b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b> <b>PUENTE AVENUE GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
		and Foothill Transit	
34	Traffic handling plans approved by the City of Industry	<input checked="" type="checkbox"/>	
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"/>	

<b>PUBLIC CONTACTS QUARTERLY REPORT</b> <b>(July 1, 2016 – September 30, 2016)</b> <b>PUENTE AVENUE GRADE SEPARATION PROJECT</b>			
Date	Contact	Query	Resolution
	NONE		



# Alameda Corridor-East Construction Authority

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

<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b>			
<b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b>			
<b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b>			
<b>SAN GABRIEL TRENCH GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
	<b>Air Quality</b>		
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"/>	
	<b>Archaeo &amp; Paleo Monitoring</b>		
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.	
	<b>Noise &amp; Vibration</b>		
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	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX            ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT            3rd Quarterly Report (July 1, 2016 – September 30, 2016)            SAN GABRIEL TRENCH GRADE SEPARATION PROJECT</b>			
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.	
	<b>Water Quality &amp; Erosion</b>		
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	<input checked="" type="checkbox"/>	
	<b>Hazardous Materials/Wastes</b>		
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"/>	
23	Construction equipment and materials checked daily for leaks and repaired immediately	<input checked="" type="checkbox"/>	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX            ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT            3rd Quarterly Report (July 1, 2016 – September 30, 2016)            SAN GABRIEL TRENCH GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
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.	
	<b>General Construction Conditions</b>		
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
	<b>Traffic</b>		
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, the City of Alhambra and the City of Rosemead.	<input checked="" type="checkbox"/>	
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,	

<b>CONSTRUCTION MITIGATION MEASURE MATRIX</b> <b>ALAMEDA CORRIDOR-EAST MITIGATION MONITORING PROGRAM REPORT</b> <b>3rd Quarterly Report (July 1, 2016 – September 30, 2016)</b> <b>SAN GABRIEL TRENCH GRADE SEPARATION PROJECT</b>			
Checklist Item No.	Mitigation Measure	Mitigation Complete	
		Yes	No
		Alhambra and Rosemead.	



<b>PUBLIC CONTACTS QUARTERLY REPORT</b> <b>(July 1, 2016 – September 30, 2016)</b> <b>SAN GABRIEL TRENCH GRADE SEPARATION PROJECT</b>			
<b>Date</b>	<b>Contact</b>	<b>Query</b>	<b>Resolution</b>
7/15/16	Resident	Complaint regarding cracks to driveway	Staff reviewed photos which showed cracks were pre-existing
7/20/16	Resident	Complaint regarding cracks to property	Claim form was provided
7/25/16	Resident	Concern regarding replacement of fence	Contractor was directed to replace fence
8/1/16	Resident	Inquiry regarding paving on Agostino Rd.	Staff met with resident to discuss issue
8/5/16	Resident	Inquiry regarding replacement of sound wall	Contractor indicated there were no plans to replace sound wall
8/10/16	City Staff	Inquiry regarding resident request for quiet zone in Rosemead	Staff indicated quiet zone designations must originate from the municipality with jurisdiction over the crossing
8/21/16	Resident	Inquiry regarding completion of Mission Rd. crossing	Resident informed Mission Rd. is open to traffic and anticipated project completion is in 2017
9/1/16	Resident	Report damage to vehicle due to construction worker vehicle	Staff directed contractor to address issue
9/19/16	Resident	Complaint regarding vibration from construction activities	Work schedule provided to resident. Staff requested contractor to minimize vibration.
9/20/16	Resident	Inquiry regarding stormwater runoff in trench	Information provided
9/27/16	Resident	Complaint regarding vibration from construction activities and request for work schedule change	Request forwarded to contractor for consideration