

**Metro Gold Line Foothill Extension Construction Authority Board Meeting
 Construction Authority Offices
 406 E. Huntington Drive, Suite 202
 Maria Dalton Community Room
 Monrovia, California 91016**

**June 30, 2015
 5:00 P.M.**

1. Call to Order:

Chairman Tessitor called the meeting to order at approximately 5:04 pm.

2. Roll Call:

Member	Appointing Entity	Present	Absent
<i>Voting Members</i>			
Doug Tessitor, <i>Chair</i>	City of Pasadena	X	
Sam Pedroza, <i>Vice Chair</i>	SGVCOG	X	
Vacant	City of Los Angeles	—	—
Paul Leon	City of South Pasadena	X	
John Fasana	LACMTA		X
<i>Non-Voting Members</i>			
Carrie Bowen	Governor of California	X (5:29)	
Bill Bogaard	City of Pasadena	X (5:10)	
Daniel Evans	City of South Pasadena	X	
Alan Wapner	SANBAG	X	
<i>Alternate Members</i>			
Marisol Rodriguez	City of Los Angeles		X
Mary Ann Lutz	SGVCOG	—	—
Deborah Robertson	SANBAG	—	—

3. Pledge of Allegiance

Alan Wapner led the Pledge of Allegiance.

4. Public Comments on Items On/Off Agenda

Chairman Tessitor inquired if there was anyone who wished to provide public comment on items on or off the Agenda – hearing and seeing none, Chairman Tessitor closed public comment.

5. CEO’s Monthly Report

Mr. Balian reviewed the Critical Path Schedule for Phase 2A which indicated completion of communications; completion of parking structures by July 2015; commission of 3010 light rail vehicles through January 2017; systems integration

testing through September 2015; estimated Substantial Completion in September 2015; completion of Foothill Transit – Azusa Downtown parking structure by December 2015; and completion of the Rosedale Land Partners – Citrus Road construction by December 2015.

Mr. Balian reviewed the Critical Path Schedule for Phase 2B which indicated meetings of the Fire/Life Safety & Security Committee through July 2015; completion of all Master Cooperative Agreements with Phase 2B cities by July 2015; completion of track alignment design by September 2015; safety and security certification checklist plan by December 2015; completion of NEPA for SANBAG segment by December 2015; CUPC application underway by January 2016; Project Study Report/Project Report by June 2016; Station Design Art Review recommendations by September 2016; BNSF Agreement completed by December 2016 and US Army Corp of Engineers permits underway by December 2016.

Mr. Balian reviewed the schedule for the upcoming Station Dedications:

The graphic is titled "Foothill Gold Line Station Dedications" in a large, bold, blue font. Below the title, it lists five station dedications in two columns. Each entry includes the station name (underlined), the date, and the time. The first column lists Duarte/City of Hope Station, Arcadia Station, and Irwindale Station. The second column lists Monrovia Station and Azusa Stations. The graphic has a yellow and green gradient background at the top and bottom, and the Foothill Gold Line logo is in the bottom right corner.

<u>Duarte/City of Hope Station</u> Saturday, August 15, 2015 10:00 AM	<u>Monrovia Station</u> Saturday, September 12, 2015 10:00 AM
<u>Arcadia Station</u> Saturday, August 22, 2015 10:00 AM	<u>Azusa Stations</u> Saturday, September 19, 2015 10:00 AM
<u>Irwindale Station</u> Friday, August 28, 2015 5:00 PM	

Mr. Balian presented a video which highlight work along the alignment. Mr. Balian highlighted the installation of the TVM Canopy glass art panels at the APU/Citrus Station as well as Station art installation at the Azusa Downton Station. Mr. Balian highlighted construction of the parking facility and at the Irwindale Station. Mr. Balian highlighted construction of the parking lot and at the Duarte Station. Mr. Balian highlighted the Segment 4 Train testing. Mr. Balian highlighted work at the Monrovia Station Plaza (a City of Monrovia Public Works project) and the installation of art at the Monrovia Station. Mr. Balian highlighted a train testing on the Gold Line Bridge.

Mr. Balian indicated that today, the Construction Authority turned over the M&O facility to Metro.

Chairman Tessitor inquired as to the durability of the glass panels at the APU/Citrus Station. Mr. Balian indicated that the panels are laminated glass and have satisfied Metro's specifications for durability.

6. Consent Calendar

- a. Approval of Minutes of Board Meeting held April 22, 2015**
- b. Approval of Minutes of Board Meeting held May 27, 2015**
- c. Receive and File a Report on Quarterly Financial Update** (Finance and Construction Committees)
- d. Approval of Los Angeles County Department of Public Works (LACDPW) Work Authorization to support the Phase 2B segment through FY 2016 in the amount of \$40,000** (Finance and Construction Committees)
- e. Approval of Caltrans Work Authorization to support Phase 2A through FY 2016 in an amount no to exceed \$192,000** (Finance and Construction Committees)
- f. Approval of Caltrans Work Authorization to support Phase 2B through FY 2016 in an amount no to exceed \$50,000** (Finance and Construction Committees)
- g. Authorize the CEO to Execute Amendment No. 16 to Hill International Contract No. C1129 for Phase 2A and 2B Program Management** (Finance and Construction Committees)
- h. Adopt the Overall Project Disadvantage Business Enterprise (DBE) Goal for Federal Fiscal years (FFY) 2016-2018** (Construction Committee)

Chairman Tessitor requested a motion to approve the Consent Calendar. Vice Chair Pedroza made a motion to approve the Consent Calendar which was seconded by Board Member Leon and approved unanimously.

7. General Board Items

- a. Consideration of Foothill Gold Line Start-Up Operational Plan by Metro Staff**

Mr. Balian introduced Rick Meade and Michael Harris-Gifford of Metro to provide a report on Metro's start-up operational plan for the Foothill Gold Line. Mr. Harris-Gifford thanked the Board for the opportunity to present the information to the Board. Mr. Harris-Gifford indicated that 15 light rail-vehicles (LRV) will be delivered for use on the Foothill Gold Line from October 2014 to January 2017. Mr. Harris-Gifford indicated that all LRV vehicles that are currently being procured will be delivered to the Monrovia facility. Mr. Harris-Gifford indicated that Pre-Revenue Testing will commence in October 2015. Mr. Harris-Gifford

indicated that Pre-Revenue service on Phase 2A will run on 12 minute headways and 4-12 LRVs will be required based upon ridership models. Mr. Harris-Gifford indicated that if demand shows a need for reduced headways adjustment will be made. Mr. Harris-Gifford indicated that if a possible opening date were March 2016, 8 LRVs would be needed for 12 minute headways with 6 minute headways during peak hours. Mr. Harris-Gifford indicated that 15 LRV are scheduled to be conditionally accepted by December 2015. Mr. Harris-Gifford indicated that Future Service capabilities for 6 minute headways (which would be based on demand) would require 13 LRV. Mr. Harris-Gifford reviewed the LRV delivery schedule. Mr. Harris-Gifford indicated that the Foothill Gold Line Extension will expand Metro's service area and will increase boarding from the current 41,962 daily boardings to a project 63,900 by 2025. Mr. Harris-Gifford indicated that the Construction Authority also will deliver a state of the art Full-Service Maintenance Facility which increases Metro LRV Maintenance Capacity as well as providing test track. Mr. Harris-Gifford that the Monrovia Maintenance yard is tremendously important to all of Metro. Mr. Harris-Gifford indicated that challenges related to the Extension are 3.6 miles of common corridor and access to the alignment and Metro is coordinating with SCRRRA to establish training and an on-going working relationship. Mr. Harris-Gifford indicated that Metro is proposing 275 operations positions between the Expo 2 and the Gold Line projects. Mr. Harris-Gifford indicated that to date 160 positions have been filled and the remainder will be staff as the Foothill Gold Line and Expo come on-line. Mr. Harris-Gifford indicated that Systems Integrations Testing continues and Pre-Revenue Testing will commence in September. Mr. Harris-Gifford indicated that Metro will conduct Community Outreach to 44 school before Revenue Service. Mr. Harris-Gifford indicated that all 44 schools have been visited and 26 have provided additional trained, with the remaining set to be trained before the start of Revenue Service. Mr. Harris-Gifford indicated that Metro has stationed Rail Safety Ambassadors during Systems Integration and Pre-Revenue Testing to educate the public and answer any questions. Mr. Harris-Gifford indicated that Safety Outreach Events will be held in Duarte, at the MAP Conference and Monrovia Days. Mr. Harris-Gifford indicated that Safety Outreach will be conducted in Parks & Recreation facilities; Senior Centers, Libraries, and Police and Fire Department in the Phase 2A cities.

Board Member Leon inquired how Metro arrived at the ridership figures. Mr. Harris-Gifford indicated that the Construction Authority and Metro used ridership models to arrive at the estimates and emphasized that the they were only estimates and Metro is prepared to make adjustment should there be a need. Board Member Leon inquired if the ridership model takes into account the numerous drivers that will stop at the Azusa Stations to take the train. Mr. Harris-Gifford indicated that it was taken into account.

Vice Chair Pedroza inquired that if there is a need to increase the number of trains and/or reduce headways, how long it takes Metro to make such a change. Mr. Harris-Gifford indicated that it take probably a couple weeks or so since the trains are available as well as the drivers – they only issues is to revise and publish timetable schedules.

Board Member Evans inquired that once the 15 LRV are delivered, does that provide the capacity for 3-car trains. Mr. Harris-Gifford indicated that for 3-car trains that 20-25 LRVs would be needed. Mr. Balian indicated that currently Phase 1 is running 2 car trains. Mr. Harris-Gifford indicated that recently there have been 3-car trains running due to some construction on the alignment and increased headways.

Chair Tessitor inquired why Metro would suggest having riders who are on LRVs running at 6 minute headways de-train at Sierra Madre station to wait for LRV to continue east on Phase 2A which are running at 12 minute headways and what impact that may have on ridership and satisfaction with the new service. Mr. Harris-Gifford indicated that regular users will adjust their travel patterns to take trains that will have continuous service to Union Station. Mr. Harris-Gifford has indicated that this type service is in place on the Red Line and Blue Line and that riders have made adjustments. Mr. Harris-Gifford indicated however that if the ridership need requires adjustment, Metro will react to that.

Vice Chair Pedroza inquired when service would start. Mr. Harris-Gifford indicated that currently March 26 is the estimated date, but that many milestones need to be achieved before a final date can be set.

Vice Chair Pedroza inquired that once a project is turned over to Metro for pre-revenue service, how long typically does it take for service to start – such as Expo. Mr. Harris-Gifford indicated that Expo took 3 month from pre-revenue service to full service. Mr. Bruce Shelburn, Metro's Executive Director for Strategic Planning, indicated that due to the increasing size and capacity of Metro, it takes longer to get staff appropriately trained. Mr. Shelburn that Metro has learned that there a longer lead time is need to train drivers and emergency responders.

Board Member Bowen inquired that since the Foothill Extension runs along the highway if Caltrans is included on the emergency responders training. Mr. Shelburn indicated that they are as well as many other agencies such as the County's flood-control channel personnel as the train also traverse across a major flood control area.

Chair Tessitor inquired how bus service is going to be adjusted to coordinate with the new Gold Line service. Mr. Harris-Gifford indicated that Foothill Transit has proposed a very good plan to current routes and made some modifications to existing routes to provide connectivity to its riders and the Gold Line.

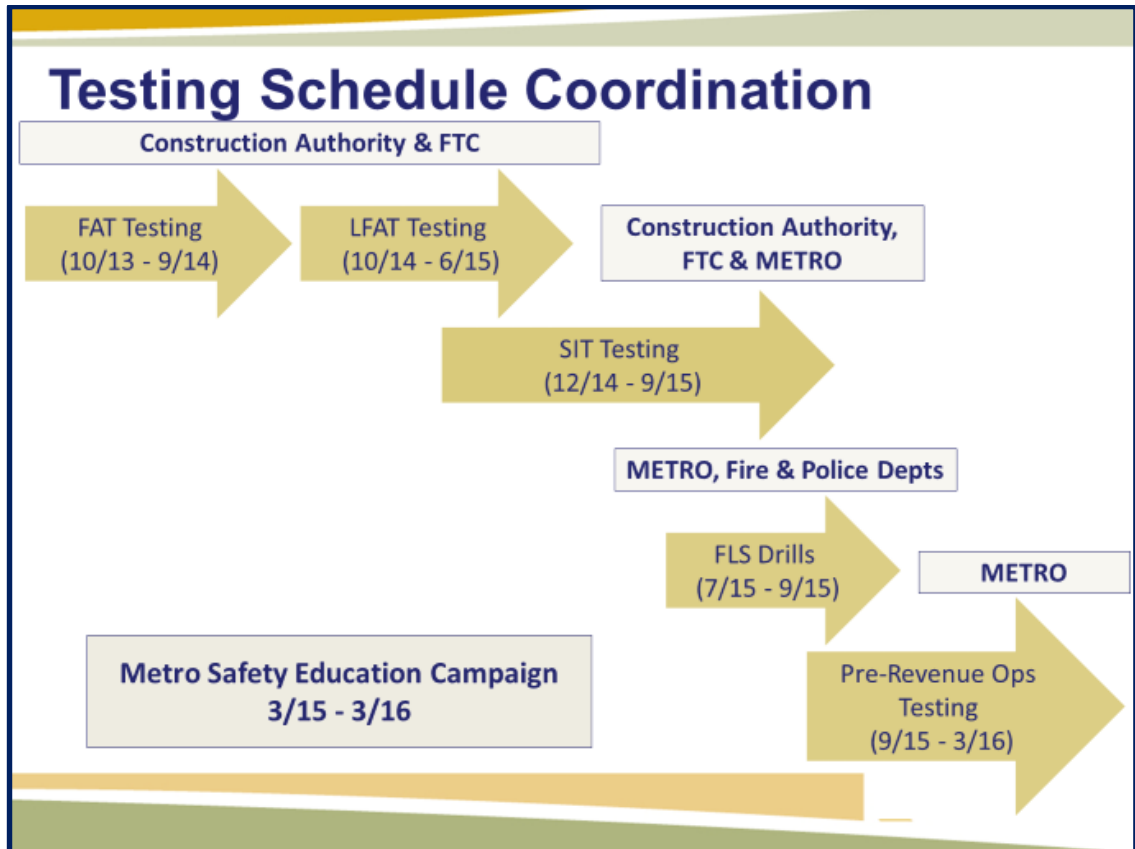
Board Member Evans inquired when the Expo line will open to Santa Monica. Mr. Harris-Gifford indicated that it will be in the Spring of 2016.

Item received and filed.

b. Receive and File Project Update: Testing

Mr. Balian introduced Chris Burner, Chief Project Officer, to provide the report. Mr. Burner indicated that the Foothill Gold Line involves a testing program for the traction electrification, signaling, and communications systems. Mr. Burner indicated that this testing program includes factory acceptance testing (FAT), local field acceptance testing (LFAT), and two phases of systems integration testing. Mr. Burner indicated that FAT involves testing of assemblies and subsystems in the assembly plant prior to shipment to the final site, while LFAT serves to verify proper operation of the systems after installation on site. Mr. Burner indicated that Systems integration testing comprises two phases (Phase 1 and Phase 2) which are completed prior to Substantial Completion (SC) in order to verify the installed systems and interface points operate together properly. Mr. Burner indicated that Phase 2 testing is integration testing performed by Metro to verify the systems elements work with Metro-provided facilities at the rail operations control (ROC). Mr. Burner indicated that the Foothill Extension project is currently performing Systems Integration Testing. Mr. Burner indicated that he first powered train test for the Foothill Extension project occurred on December 3, 2014 and these tests will continue through July 2015. Mr. Burner indicated that during pre-revenue operations (after SC, but before the Revenue Operations Date (ROD)), Metro will train operators for the line and perform first responder drills. Mr. Burner indicated that during revenue service, the design-builder is responsible for successful completion of a system performance demonstration (SPD) to verify reliability requirements.

Mr. Burner provided an overview of the Testing Schedule Coordination.



Mr. Burner indicated that everything is going well and turn-over is expected in September.

Item received and filed.

c. Award of Contract No. C1176 for California Government Relations Services

Mr. Balian indicated that the Construction Authority issued an RFP (RFP C1176) for State Government Relations Services in late April 2015. Mr. Balian indicated that the primary purpose of this procurement was to identify a firm who can provide monitoring of California legislation, coordinating legislative interfaces, and advising on legislative issues that may affect the Construction Authority. Mr. Balian indicated that staff received proposals from two firms in June: Aaron Read & Associates, LLC ("ARA") and Nossaman LLP ("Nossaman"). Mr. Balian indicated that an evaluation committee (Chairman Doug Tessitor and Vice-Chairman Sam Pedroza) evaluated the proposals with three criteria: (1) Related Experience (40 points); (2) Staffing and Personnel (30 points); and (3) Project Understanding, Plan, and Approach (30 points). Mr. Balian indicated that Aaron Read & Associates scored 91 and Nossaman scored 85 after evaluation of the proposals based upon the three criteria. Mr. Balian indicated that staff negotiated a contract with Aaron Read & Associates and staff is recommended award of a contract with Aaron Read & Associates.

Chairman Tessitor requested a motion to Award Contract No., C1176 for California Government Relation Service. Vice Chair Pedroza made a motion to approve the item which was seconded by Board Member Leon and approved unanimously.

d. Consideration of Resolution in Support of Los Angeles County Transportation Sales Tax Legislation - SB 767 De León (Principal Co-authors: Allen, Hall, Hernandez, Lara and Liu) (Principal Co-authors: Assembly Members: Bloom, Chau, Holden, Jones-Sawyer and Nazarian)

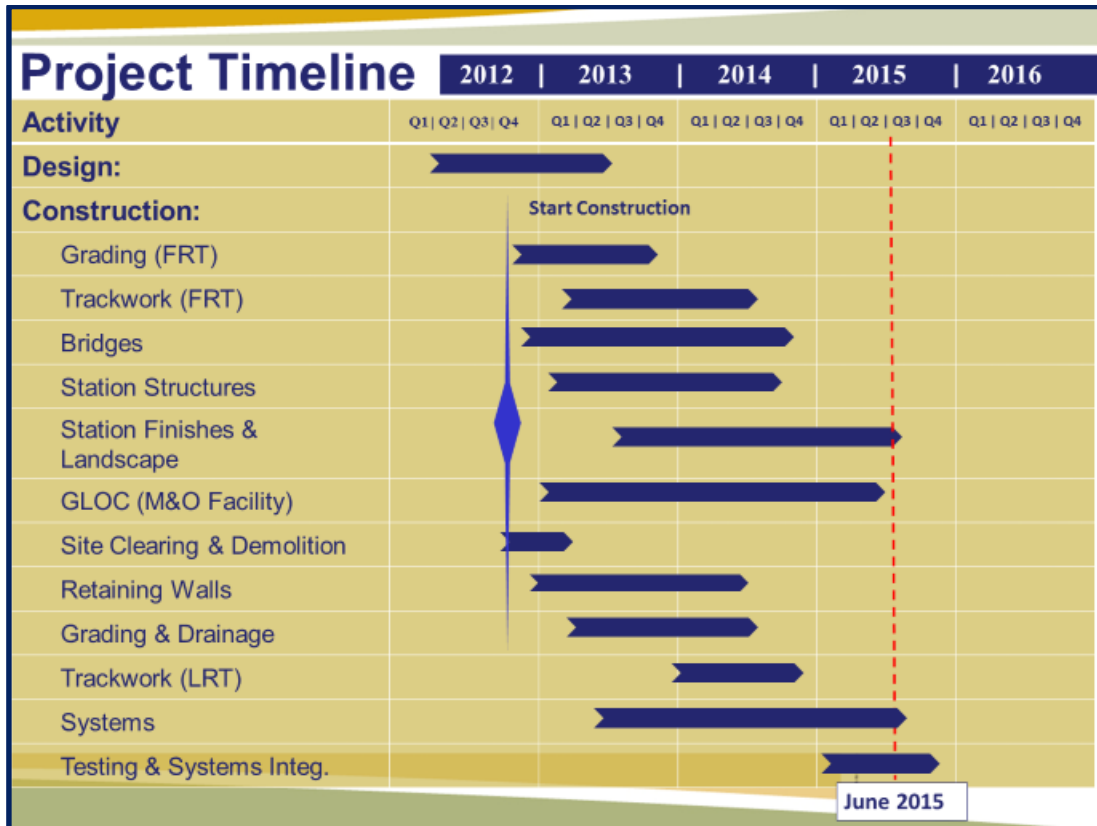
Mr. Balian provided the report. Mr. Balian indicated that SB 767 seeks authorization to place an additional sales-tax on the ballot for transportation projects in Los Angeles County. Mr. Balian indicated that the Board had previously taken a position of “work with author” and that at this time staff does not recommend making a change in that position. Mr. Balian indicated that the bill will be considered by the Local Government Committee next week and will keep the Board advised if there are any significant changes.

Item received and filed.

e. Receive and File: Monthly Update

Mr. Burner provided the report. Mr. Burner indicated that respect to Phase 2A project that there is continued placement of art and architectural elements at all stations; continued systems integration testing; continued Communications LFAT testing; completed OCS LFAT testing; all Traction Power Substations (TPSS) energized; and began performing Punch List walks with Metro

Mr. Burner provided a detail review of the Project Schedule.



Mr. Burner indicated that with regard to the Parking Facility Progress that in Arcadia staff and the contractor began addressing Punch List items and testing of communication devices fire alarm system; in Monrovia staff and the contractor completed installation of bike lockers; began addressing Punch List items and began testing of communication devices fire alarm system; in Duarte/City of Hope staff and the contractor continued installation of bike lockers and bike racks and continued installation of irrigation piping and plants; in Irwindale staff and the contractor continued interior dry finish and exterior structure painting; completed installation of pumps and piping inside the pump station; and completed elevator installation; and at APU/Citrus staff and the contractor completed installation of fire alarm system and prepared for system test; completed elevator installation and continued installation of guardrails.

Mr. Burner indicated that with regard to work over the next 3 to 4 months effort to complete construction of art and architectural elements at stations; complete systems integration testing; complete communications LFAT testing and complete all parking facilities

Mr. Burner indicated that with regard to Phase 2B of the Project that the Authority staff continued advancement of plan and profile drawings; continued right-of-way survey and drawings; continued geotechnical work; began conceptual design of parking facilities; developing scope of work for Phase I and II ESAs; continued to attend coordination meetings with corridor City staff to discuss project and finalize MCAs; continued Station Design Art Program (SDAR) meetings and

attended coordination meetings with SCRRA and Caltrans staff to discuss project.

Item received and filed.

8. General Counsel's Report

None.

9. Board Member Comments

Board Member Evans indicated that former Board Member David Margrave passed away.

10. Adjournment

The Board Meeting was adjourned in honor of former South Pasadena City Councilman David Margrave at approximately 5:57 pm.