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TO: BOARD OF DIRECTORS

THROUGH: PHILLIP A. WASHINGTON *PAW*
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SUBJECT: EXPO LINE PHASE 2 AND GOLD LINE FOOTHILL
EXTENSION PHASE 2A ACTIVATION TIMELINES

ISSUE

The following information outlines major milestones for the Expo Line Phase 2 and Gold Line Foothill Extension Phase 2A projects.

BACKGROUND

Expo Line Phase 2

The Expo Line Phase 2 light-rail expansion project, designed and constructed by the Exposition Line Construction Authority (Expo Authority) began construction during the summer of 2012. The 6.6-mile extension includes seven (7) stations and begins at the existing Culver City Station and terminates at the new Downtown Santa Monica Station, at 4th Street and Colorado Avenue. According to Expo Authority project schedule(s), Phase 1 Testing (Systems Integration Testing, System Readiness, and Asset Inspection) is forecasted to be complete in December 2015.

This project includes opening a light-rail Maintenance Facility in Santa Monica (Division 14) at Stewart Street and Exposition Blvd. The facility will have a capacity for 48 light-rail vehicles and support daily maintenance and servicing of light-rail vehicles. According to Expo Authority project schedule(s), the facility is forecasted for Substantial Completion in November 2015.

Once the Expo Authority reaches Substantial Completion on the mainline and Division 14, the project will be ready for Phase 2 Metro Systems Integration Testing. The Pre-Revenue training, testing and service simulation will begin after successful completion of Phase 2 Testing. The forecasted Revenue Operations Date (ROD) is Spring 2016.

Gold Line Foothill Extension Phase 2A

The Gold Line Foothill Extension Phase 2A is a light-rail expansion project undertaken by the Gold Line Foothill Construction Authority. The 11.5-mile extension includes six (6) stations and begins at the existing Sierra Madre Villa Station and terminates at a new station in Azusa at E. 9th Street and Palm Drive. According to Foothill Extension Construction Authority project schedule(s), integrated testing, system readiness drills, asset inspection and acceptance, and turnover coordination is forecasted for September 2015.

This project includes the opening of a light-rail Maintenance Facility (Division 24) in Monrovia, which will have a capacity for 84 light-rail vehicles and support daily maintenance and servicing of light-rail vehicles. According to Foothill Authority project schedule(s), the facility is forecasted for Substantial Completion in July 2015. Pre-revenue service testing of the rail line is forecasted as early as October 2015. The forecasted ROD is Spring 2016.

DISCUSSION

There are five major milestones that must be completed prior to commencing revenue service for any light rail transit system. These include:

1. Completion of the Operations and Maintenance Facility
2. Systems Integration Testing
3. Substantial Completion
4. Pre-Revenue Service and
5. Safety Education and Marketing

These major milestones and project timelines for both Expo Line Phase 2 and Gold Line Foothill Phase 2A extensions are outlined in the tables below.

Expo Line Phase 2

EXPO PHASE 2	Major Milestones	Project Time Line*
	Maintenance Facility Complete	November 2015
	Systems Integration Testing (Phase 1)	December 2014-November 2015
	Systems Integration Testing (Phase 2)	December 2015-March 2016
	Substantial Completion	December 2015
	Pre-revenue Service	November 2015-March 2016
	Safety Education & Marketing	January 2015-March 2016
	Revenue Service	Spring 2016

*Forecasted Date

Gold Line Foothill Extension Phase 2A

GOLDLINE FOOTHILL PHASE 2A	Major Milestones	Project Time Line*
	Maintenance Facility Complete	June 2015
	Systems Integration Testing	November 2014-September 2015
	Substantial Completion	September 2015
	Pre-revenue Service	October 2015
	Safety Education & Marketing	January 2015-March 2016
	Revenue Service	Spring 2016

*Forecasted Date

All of the items leading up to the commencement of revenue service ensure that Metro can safely operate these new lines for our customers, employees and the general public.

Safety Education and Marketing

Safety Education

Safety education began for both Expo Phase II and Foothill in January 2015 and includes outreach to city officials, school districts, police and fire departments to inform them of the outreach plan. Safety education is conducted at all schools within a 1.5-mile radius of the alignment. Education outreach is also provided to seniors/recreation centers, homeowner/neighborhood watch, community/business groups and faith based organizations. Just prior to pre-revenue testing, Rail Safety Ambassadors will be placed at strategic locations along the alignment to watch the behavior of pedestrians and motorists and report whether additional engineering, education or enforcement is needed. They also educate the public on crossing the tracks safely. After ROD, safety education continues in perpetuity with a staff member assigned to the alignment. The Transit Safety staff are already participating in community events.

Marketing

Two months before ROD, safety advertising will be placed in local newspapers and scheduled to run until two months after ROD. Additionally, during the approximate four months of pre-revenue testing, door hangers, posters, signage brochures, bicycle brochures and destination guides are distributed widely throughout the community.

Tours

Prior to Substantial Completion, or turnover to Metro, tours will be arranged by each Construction Authority, with Metro advising and supporting as necessary. Once the line is turned over to Metro, an established Project Tour Plan will be initiated and managed jointly by Metro's Communications, Government Affairs and Operations Departments.

NEXT STEPS

Metro staff will continue to update the Board with the on-going progress of these two projects.