# Phase 2 Exposition Metro Line Project

## Monthly Project Status Report

March 2013

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## Phase 2 Exposition Metro Line Construction Authority Project Description

The Expo Phase 2 Project is located in the Westside of Los Angeles, extending approximately seven miles from the Expo Phase 1 terminus at Culver City Station to Santa Monica. The Phase 2 alignment begins at the terminus of Expo Phase 1 and utilizes the existing Exposition Right-of-Way (ROW), then diverges from the Exposition ROW and enters onto Colorado Avenue east of 17th Street. The alignment follows the center of Colorado Avenue to the proposed terminus in downtown Santa Monica in the vicinity of the intersection of 4th Street and Colorado Avenue.

Figure 1: Exposition Metro Line Construction Authority Phase 2 Alignment

## Phase 2 Exposition Metro Line Construction Authority Culver City to Santa Monica Segment

### Project Management Issues

**Appeal on Environmental Document Ruling**
The legal challenge to the Phase 2 CEQA document by the community group, Neighbors for Smart Rail (NFSR), was denied by the California Superior Court in Los Angeles County. NFSR filed an appeal of that ruling. The Court of Appeal affirmed the judgment of the Superior Court. NFSR filed an appeal of that ruling. The State Supreme Court agreed to hear the appeal. On September 26, 2012 NFSR filed a motion with the California Supreme Court to stay the project (stop all construction); in November 2012, the motion to stay was denied. The Supreme Court hearing is scheduled for May 8, 2013.

**California Public Utilities Commission (CPUC)**
The CPUC issued a resolution on November 10, 2011 granting authorization to construct the project crossings. Neighbors for Smart Rail (NFSR) filed an appeal. The CPUC agreed to a rehearing. A pre-hearing was held on October 5, 2012. The briefing and testimony were submitted in November, and evidentiary hearings took place on December 17, 2012. We are awaiting the ALJ's draft decision.

**Utility Relocations**
The Authority worked closely with Los Angeles Department of Water and Power (DWP) and Southern California Edison (SCE) to advance overhead power line relocations required to accommodate the Project. The Authority also worked with Southern California Gas (SCG) and multiple communications providers to advance relocation of their facilities. Progress update:

- DWP construction crews relocated overhead power lines to accommodate construction of structures at Venice, Sawtelle, Pico, Bundy, and Centinela. Multiple DWP construction crews are advancing the remaining overhead power line relocations.
- SCG construction crews relocated a gas line near the terminus and initiated relocation of a large gas line near Colorado/17$^{th}$.
- Communications providers continued to relocate facilities throughout the corridor.
- Staff continued working with SCE to advance designs, obtain City approvals, procure long lead time items, acquire easements, install duct banks and vaults, and secure funding. The Authority is identifying upgrades and/or betterments to the proposed SCE relocated system for cost sharing.

SCE power line relocations on Colorado are on the Project schedule critical path. SCE halted relocations pending resolution of multiple concerns. To advance SCE relocations, an Authority/SCE/Design-Build contractor Partnering session is scheduled for April 9$^{th}$ along with regular executive management meetings.

**Kenter Canyon Storm Drain (KCSD)**
A 10-foot diameter Los Angeles County storm drain built in the 1930s runs along Colorado Avenue in Santa Monica. A significant portion of the storm drain lies beneath the light rail tracks in the street running section of the Project along Colorado Avenue. The Phase 2 Design-Build contractor presented findings of the KCSD structural analysis to Los Angeles County Flood Control District (LACFCD), showing that the KCSD can be left in place. LACFCD took no objection to the analysis, subject to post construction video inspection, video inspection after the first year of operations, and repair of damages if identified in the videos. The Phase 2 Design-Build contractor is currently advancing 100% designs to modify existing manholes that tie into the KCSD and to protect in place an existing sanitary sewer line that crosses the KCSD.

**Venice Boulevard Underpass (VBU)**
The VBU structure will bridge Venice Boulevard which is a Caltrans roadway and will impact multiple overhead and underground utilities. Progress update:

- DWP construction crews relocated overhead power lines to accommodate construction of the VBU structure. Communications providers initiated relocation of overhead facilities to a joint underground ductbank.
- VBU and Phase 2 Design-Build contractors continued coordination of their activities at the contract interface to minimize any impacts to either Contract schedule.
- The VBU Design-Build contractor obtained approval for and implemented traffic control plan for underpass construction, continued installation of storm drains, and completed underpass abutments.

Current projections show a VBU contract schedule risk. To advance schedule recovery and to mitigate potential impacts, an Authority/VBU Design-Build contractor Partnering session was held in March.

**I-405 HOV Project Interface**
The Metro contractor for the I-405 HOV and the Authority's contractor have work in the same location in the same timeframe. The I-405 HOV contractor designed falsework without an opening for Expo construction. If the I-405 HOV schedule slips, the Authority contractor may be impacted. The I-405 HOV contractor and the Authority's contractor are coordinating their activities in an effort to minimize any impacts to either Project's schedules. Currently, the I-405 HOV contractor's schedule calls for the removal of their falsework prior to SRJV's need date.

**City of Los Angeles**
In the City of Los Angeles, the schedule critical path includes construction of the Sepulveda parking structure and the associated removal of the temporary parking lot east of Sepulveda. The LADOT western parking enforcement staff using the temporary lot must be moved back to the new parking structure location in order for construction of retaining walls/ structure/ Sepulveda station in this area. The Authority is collaborating with the City of Los Angeles to resolve issues such as the sidewalk gap at Sepulveda, Standard Urban Storm Water Mitigation Plan (SUSMP) requirements, and the City's maintenance period for landscaping.

**City of Santa Monica**
In the City of Santa Monica, the schedule critical path includes SCE relocations on Colorado; the critical path continues with the installation of trackwork followed by the installation and testing of the overhead catenary and train control systems. The Authority is collaborating with the City of Santa Monica to resolve issues such as fire hydrants, not to preclude future pedestrian crossings, terminus station betterments, street running operations, video detection, tree relocations, and other bikeway-related details.

**Bikeway**
Staff continues to work on bikeway related topics, which include: Exposition/Centinela intersection configuration; Pico/Gateway intersection configuration; potential reconfiguration of bikeway/ped path between Centinela and Barrington; OMF driveway interface; and financing for SUSMP in the City of Santa Monica. The Authority and Phase 2 Design-Build contractor advanced contract negotiations and the negotiated cost for final design and construction is within the life-of-project budget; contract scheduled to be awarded at the April Board meeting pending receipt of funding from Metro.

## Key Activities Completed this Period

**Phase 2 Design-Build contractor, Skanska/Rados (SRJV)**

- SRJV advanced remaining design elements – guideway standpipe, civil, station, train control, communications, landscape, signage, Kenter Canyon storm drain manholes/sewer crossing. Staff reviewed design submittals as well as requests for design deviations; worked with SRJV to resolve comments. This period, two station designs were stamped Approved for Construction (AFC) as well as multiple civil sheets.
- SRJV continued construction activities –
  demolished building at 430 Colorado;
  removed underground tanks at 10100 National;
  performed excavation and grading to support guideway construction activities;
  installed wet utilities;
  installed dry utility duct banks on behalf of DWP (National, Sawtelle);
  potholed for dry utility duct banks on behalf of SCE (Colorado);
  installed OCS foundations and CS duct banks;
  advanced TPSS site work (TPSS1, TPSS2);
  advanced retaining walls (Cardiff to National, Clarington to Motor);
  advanced soundwalls (Westwood to Military, Barrington to Bundy, Centinela to Stewart);
  advanced bridges (Palms, Sepulveda, Pico, Bundy, Olympic);
  at the Sepulveda Parking structure site: structure excavation; construct footings and columns.
- SRJV advanced construction submittals and requests for information; Authority staff reviewed.
- Southern California Gas, SCE, DWP, and communications providers continued to relocate facilities.

**Venice Boulevard Underpass Design-Build contractor, Balfour Beatty (BBII)**

- BBII continued construction activities – obtained approval for and implemented traffic control plan for underpass construction; installed storm drains; constructed underpass abutments; and mobilized to begin construction of underpass foundations. BBII advanced construction submittals and requests for information; Authority staff reviewed.
- DWP continued relocation of DWP dry utilities.
- Communications providers initiated relocation of overhead facilities to a joint underground ductbank.

**Expo Rail Operations and Maintenance Facility designer, Maintenance Design Group (MDG)**

- Authority and MDG responded to bidder inquiries and advanced addendum(s) to construction procurement documents.

**Phase 2 Bikeway**

- Bikeway project is within the life-of-project budget.
- Authority and SRJV advanced bikeway contract negotiations, finalization pending receipt of funding from Metro.

**General**

- Continued coordination of contract interface activities with respective contractors.
- Continued coordination with Department of Toxic Substances Control (DTSC) to advance soil management plan.
- Held VBU Partnering meeting on March 14th.
- Held Fire Life Safety Committee meetings/workshops on March 14th, 15th.

## Key Future Activities

**Phase 2 Design-Build contractor, Skanska/Rados (SRJV)**

- SRJV advance remaining design elements. Metro-Authority-third party staff work with SRJV to resolve comments. As 100% design comments are resolved, Authority approve plans for construction.
- SRJV will continue the following construction activities –
  perform excavation and grading to support guideway construction activities;
  install wet utilities;
  install dry utility duct banks on behalf of DWP (National) and SCE (Bundy, Colorado);
  install OCS foundations and CS duct banks;
  advance TPSS site work (TPSS1, TPSS2, TPSS3);
  advance MSE walls (Centinela to Stewart);
  advance retaining walls (Cardiff to National, Motor to I-10);
  advance soundwalls (I-10 to Overland, Overland to Westwood, Westwood to Military);
  advance bridges (Palms, Motor, Sepulveda, Pico, Bundy, Olympic);
  advance stations (26$^{th}$ St);
  at the Sepulveda Parking structure site: construct footings and columns; install MEP.
- Southern California Gas, SCE, DWP, and communications providers continue to relocate facilities.
- Authority will continue to coordinate with SRJV and utilities to mitigate potential schedule delays.

**Venice Boulevard Underpass Design-Build contractor, Balfour Beatty (BBII)**

- BBII continue construction activities – construct underpass foundations and columns.
- DWP continue to relocate DWP dry utilities.
- Communications providers continue to relocate overhead facilities to a joint underground duct bank.
- Authority will continue to coordinate with BBII and utilities to mitigate potential schedule delays.

**Expo Rail Operations and Maintenance Facility designer, Maintenance Design Group (MDG)**

- Authority and MDG respond to bidder inquiries and advance addendum(s) to construction procurement documents.
- Authority receive construction bids and evaluate.

**Phase 2 Bikeway**

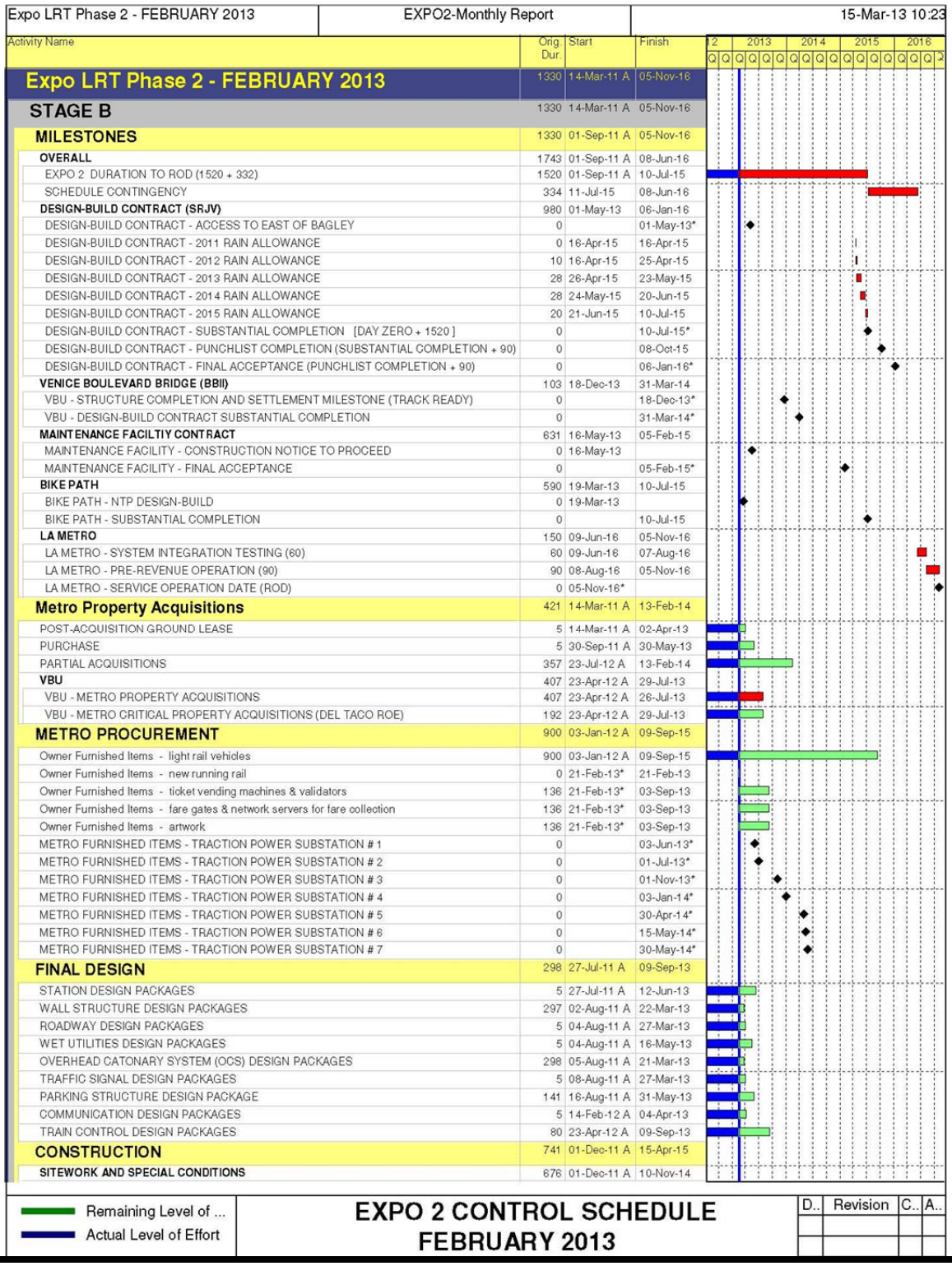
- Authority and SRJV advance bikeway contract negotiations, finalization pending receipt of funding from Metro.

**General**

- SRJV and BBII continue to coordinate contract interface activities. SRJV and I-405 Contractor continue to coordinate contract interface activities.
- Continue coordination with third party utilities to resolve conflicts.
- Hold Partnering meetings.
- Continue coordination with Department of Toxic Substances Control (DTSC) to advance soil management plan.
- Hold Fire Life Safety Committee meetings/workshops.
- Hold Phase 2 Update meetings with the Community.
- Continue FEIR mitigation measures.

## Phase 2 Exposition Metro Line Construction Authority Schedule Status

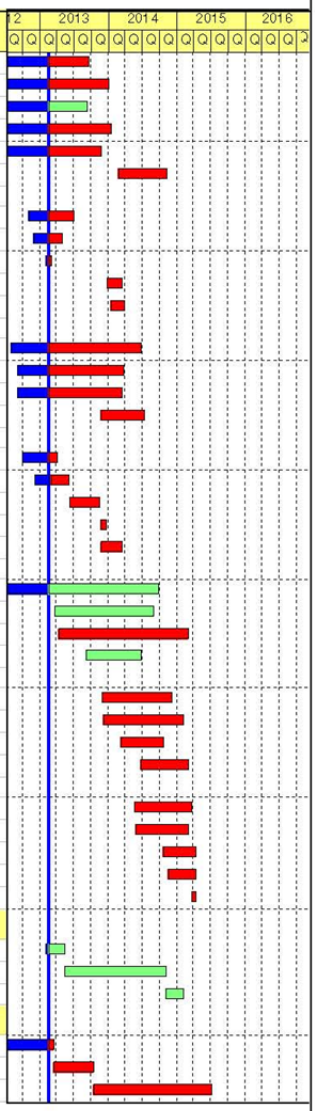
### Critical Path Schedule, Period Ending March 31, 2013



## Critical Path Schedule Continued

Expo LRT Phase 2 - FEBRUARY 2013 | EXPO2-Monthly Report | 15-Mar-13 10:23

| Activity Name | Orig Dur | Start | Finish |
|---|---|---|---|
| SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK | 242 | 01-Dec-11 A | 18-Sep-13 |
| SEGMENT 2 - SITEWORK AND SPECIAL CONDITIONS-INITIAL SITEWORK | 383 | 05-Mar-12 A | 31-Dec-13 |
| SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 11TH TO 1 | 322 | 29-Mar-12 A | 09-Sep-13 |
| SEGMENT 3 - CENTINELA TO 17TH - SITEWORK AND SPECIAL CONDITIONS | 388 | 08-Jun-12 A | 15-Jan-14 |
| SEGMENT 3 - COLORADO SITEWORK AND SPECIAL CONDITIONS-COLORADO 4TH TO 11 | 494 | 21-Jun-12 A | 25-Nov-13 |
| SEGMENT 1 - SITEWORK AND SPECIAL CONDITIONS-STREET IMPROVEMENTS | 182 | 25-Feb-14 | 10-Nov-14 |
| **VBU** | 345 | 05-Nov-12 A | 31-Mar-14 |
| VBU - DWP PS RELOCATE OH | 112 | 05-Nov-12 A | 28-Jun-13 |
| VBU - EXPO INSTALL COMMUNICATIONS JOINT TRENCH | 77 | 03-Dec-12 A | 01-May-13 |
| VBU - DWP PS INSTALL DUCTBANK AND BACKFILL AT SEWER RELOCATION AREA | 10 | 04-Feb-13 A | 04-Mar-13 |
| VBU - PLAZA CONSTRUCTION | 55 | 27-Dec-13 | 14-Mar-14 |
| VBU - ROADWAY CONSTRUCTION | 55 | 14-Jan-14 | 31-Mar-14 |
| **GUIDEWAYS AND TRACK ELEMENTS** | 461 | 02-Aug-12 A | 14-Jul-14 |
| SEGMENT 2 - GUIDEWAYS AND TRACKS | 442 | 02-Aug-12 A | 25-Jun-14 |
| SEGMENT 1 - GUIDEWAYS AND TRACKS | 379 | 04-Sep-12 A | 24-Mar-14 |
| SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - GUIDEWAYS AND TRACKS | 345 | 06-Sep-12 A | 13-Mar-14 |
| SEGMENT 3 - COLORADO GUIDEWAYS AND TRACKS | 161 | 26-Nov-13 | 14-Jul-14 |
| **VBU** | 356 | 05-Oct-12 A | 14-Mar-14 |
| VBU - BRIDGE CRITICAL SUBMITTALS/PROCUREMENT | 42 | 05-Oct-12 A | 05-Apr-13 |
| VBU - CONSTRUCT BRIDGE SUBSTRUCTURE, ABUTMENTS AND BENTS | 77 | 04-Dec-12 A | 04-Jun-13 |
| VBU - CONSTRUCT BRIDGE SUPERSTRUCTURE AND RELEASE FORMWORK | 116 | 10-Jun-13* | 20-Nov-13 |
| VBU - BRIDGE SETTLEMENT PERIOD (28 CALENDAR DAYS) | 28 | 21-Nov-13 | 18-Dec-13 |
| VBU - CONSTRUCT BRIDGE EMERGENCY WALKWAYS, CABLE RAILINGS AND DUCTBANK | 79 | 22-Nov-13 | 14-Mar-14 |
| **STATIONS** | 710 | 08-Feb-12 A | 03-Mar-15 |
| SEGMENT 2 - STATIONS AND PARKING | 634 | 08-Feb-12 A | 24-Sep-14 |
| SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - STATIONS | 366 | 25-Mar-13* | 28-Aug-14 |
| SEGMENT 3 - COLORADO TERMINUS STATION | 481 | 12-Apr-13* | 03-Mar-15 |
| SEGMENT 1 - STATIONS | 207 | 03-Sep-13 | 24-Jun-14 |
| **SYSTEMS/EQUIPMENT** | 348 | 03-Dec-13 | 15-Apr-15 |
| SEGMENT 2 - SYSTEMS AND EQUIPMENT | 258 | 03-Dec-13 | 08-Dec-14 |
| SEGMENT 3 - SEGMENT 3 - CENTINELA TO 17TH - SYSTEMS AND EQUPMENT | 294 | 09-Dec-13 | 03-Feb-15 |
| SEGMENT 1 - SYSTEMS AND EQUIPMENT | 159 | 11-Mar-14 | 22-Oct-14* |
| SEGMENT 3 - COLORADO SYSTEMS AND EQUIPMENT | 173 | 27-Jun-14 | 03-Mar-15 |
| **SYSTEMS TESTING AND INTEGRATION** | 228 | 23-May-14 | 15-Apr-15 |
| COMMUNICATIONS L LOCAL FIELD ACCEPTANCE TESTING | 213 | 23-May-14 | 25-Mar-15 |
| TRAIN CONTROL LOCAL FIELD ACCEPTANCE TESTING | 196 | 27-May-14 | 03-Mar-15 |
| OCS SYTEM INTEGRATED TESTING | 122 | 23-Oct-14 | 15-Apr-15 |
| TRAIN CONTROL INTEGRATED SYSTEM TESTING | 105 | 17-Nov-14 | 15-Apr-15 |
| COMMUNICATIONS SYSTEM INTEGRATION TESTING | 15 | 26-Mar-15 | 15-Apr-15 |
| **RAIL OPERATION & MAINTENANCE FACILITY (OMF)** | 489 | 08-Feb-13 A | 05-Feb-15 |
| MAINTENANCE FACILITY - CONSTRUCTION BID AND AWARD | 55 | 08-Feb-13 A | 15-May-13 |
| MAINTENANCE FACILITY - CONSTRUCTION | 377 | 16-May-13 | 06-Nov-14 |
| MAINTENANCE FACILITY - COMMISSIONING/MOVE IN EXPOMETRO | 62 | 07-Nov-14 | 05-Feb-15 |
| **BIKE PATH** | 768 | 04-Jun-12 A | 10-Jul-15 |
| BIKE PATH - NEGOTIATION AND CONTRACT | 70 | 04-Jun-12 A | 18-Mar-13 |
| BIKE PATH - FINAL DESIGN | 150 | 19-Mar-13 | 17-Oct-13 |
| BIKE PATH - CONSTRUCTION | 440 | 18-Oct-13 | 10-Jul-15 |




Remaining Level of ...
Actual Level of Effort

**EXPO 2 CONTROL SCHEDULE**
**FEBRUARY 2013**

| D.. | Revision | C.. | A.. |
|---|---|---|---|
| | | | |
| | | | |

## Schedule Narrative

**Critical and Near-Critical Path Analysis**

Currently, the Critical Path runs through the power relocations on Colorado in the City of Santa Monica. In the City of LA, the construction of the Sepulveda parking structure and the Motor Bridge is on the Critical Path. The Critical Path continues with the installation of Trackwork followed by the installation and testing of the Overhead Catenary and Train Control Systems.

With the current recovery plan and work-around options, the power relocation at most locations does not impact the construction of the substructure and in many cases the superstructure of the bridges. Therefore, the critical need dates for power relocations were improved and potential delays were minimized. At the Terminus, the potential delay is being eliminated by redesigning the retaining wall design to bridge over existing underground facilities.

**Project Float/ Schedule Contingency**

On January 5, 2012, the Board of Directors authorized the Authority to include schedule contingency in accordance with Metro's Project Contingency procedure. If all Schedule Contingency were needed, the projected Revenue Operation Date would be November 5, 2016.

| | Original Duration (days) | Days Released | Current Duration (days) |
|---|---|---|---|
| Schedule Contingency | 334 | 0 | 334 |

## Phase 2 Exposition Metro Line Construction Authority Financial Status

### Project Cost Status and Analysis
### Expo/Metro Baseline

**COST REPORT BY ELEMENT**
UNITS IN MILLIONS

| Element | Description | Original Budget | Current Budget | Commitments | Expenditures | Current Forecast | Forecast Variance Over/<Under> |
|---|---|---|---|---|---|---|---|
| C | CONSTRUCTION | 766.4 | 766.4 | 560.2 | 188.8 | 766.4 | - |
| R | RIGHT-OF-WAY | 265.0 | 259.1 | 92.5 | 91.2 | 259.1 | - |
| V | VEHICLES | 202.1 | 202.1 | 26.5 | 26.5 | 202.1 | - |
| P | PROFESSIONAL SERVICES | 148.2 | 148.2 | 96.6 | 62.9 | 148.2 | - |
| SC | SPECIAL CONDITIONS | 63.6 | 69.5 | 35.1 | 12.2 | 69.5 | - |
| PR | PROJECT RESERVE | 66.0 | 66.0 | - | - | 66.0 | - |
| | **TOTAL** | **1,511.2** | **1,511.2** | **810.9** | **381.6** | **1,511.2** | - |

NOTE: Expenditures are Paid-to-Date through 2/28/13

**Original Budget and Current Budget:**

The Life of Project Budget for the Phase 2 Exposition Metro Line Project was adopted in March 2011 for a value of $1.511 billion.

**Current Forecast:**

The total project forecast remains the same as the current budget of $1.511 billion.

## Project Operating Budget Summary in Millions of Dollars

Expo

*Sources & Uses of Funds - Phase 2*
*Status as of March 31, 2013*

### *Metro / Expo Baseline Activities*

| Sources of Funds (millions) | A | B | C = A - B |
|---|---|---|---|
| Source | Budget | Funding Committed | Uncommitted |
| Prop A 35% | $ 238.0 | $ - | $ 238.0 |
| Prop C 25% | $ 115.3 | $ 2.6 | $ 112.7 |
| Measure R | $ 813.7 | $ 377.7 | $ 436.0 |
| Prop 1B Bonds | $ 48.9 | $ 15.2 | $ 33.7 |
| Regional Improvement Program (State) | $ 47.8 | $ 47.8 | $ 0.0 |
| Local Agency Contribution | $ 45.3 | $ 16.5 | $ 28.8 |
| | $ 1,309.0 | $ 459.8 | $ 849.2 |
| Total Sources: | $ 1,309.0 | $ 459.8 | $ 849.2 |

| Uses of Funds by Element (millions) | A | B | C | D = A - B |
|---|---|---|---|---|
| Element | Budget | Committed | Paid | Uncommitted |
| Design-Build Corridor | $ 606.8 | $ 546.6 | $ 184.7 | $ 60.2 |
| Other Construction Elements | $ 159.5 | $ 13.6 | $ 4.0 | $ 146.7 |
| Right-of-Way | $ 259.1 | $ 92.5 | $ 91.2 | $ 166.6 |
| Professional Services | $ 148.2 | $ 96.6 | $ 62.9 | $ 56.6 |
| Special Conditions | $ 69.5 | $ 35.1 | $ 12.2 | $ 48.1 |
| Project Reserve | $ 66.0 | $ - | $ - | $ 66.0 |
| Total Uses: | $ 1,309.1 | $ 784.4 | $ 355.1 | $ 544.3 |

Paid-to-Date through 2/28/13

## Project Operating Budget Summary in Millions of Dollars

Expo

*Sources & Uses of Funds - Phase 2*

*Status as of March 31, 2013*

### *Metro / Expo Baseline Activities - Vehicles*

| Sources of Funds (millions) | | A | B | C = A - B |
|---|---|---|---|---|
| Source | | Budget | Funding Committed | Uncommitted |
| RSTP (Federal) for LRVs | | $ 7.7 | $ - | $ 7.7 |
| CMAQ (Federal) for LRVs | | $ 41.3 | $ - | $ 41.3 |
| Reg. Imp. Prog. (Federal) for LRVs | | $ 153.1 | $ - | $ 153.1 |
| | | $ 202.1 | $ - | $ 202.1 |
| | Total Sources: | $ 202.1 | $ - | $ 202.1 |

| Uses of Funds by Element (millions) | | A | B | C | D = A - B |
|---|---|---|---|---|---|
| Element | | Budget | Committed | Paid | Uncommitted |
| Vehicles | | $ 202.1 | $ 26.5 | $ 26.5 | $ 175.6 |
| | Total Uses: | $ 202.1 | $ 26.5 | $ 26.5 | $ 175.6 |

Paid-to-Date through 2/28/13

## Project Operating Budget Summary in Millions of Dollars

Expo

*Sources & Uses of Funds - Phase 2*
*Status as of March 31, 2013*

### *Non - Baseline Activities*

| Sources of Funds (millions) | A | B | C = A - B |
|---|---|---|---|
| Source | Budget | Funding Committed | Uncommitted |
| Project Revenue: City of LA Betterment | $ 5.3 | $ 5.3 | $ - |
| Project Revenue: City of Santa Monica Betterment | $ 18.3 | $ 18.3 | $ - |
| Total Sources: | $ 23.6 | $ 23.6 | $ - |

| Uses of Funds by Element (millions) | A | B | C | D = A - B |
|---|---|---|---|---|
| Element | Budget | Committed* | Paid | Uncommitted |
| Design-Build Betterments | $ - | $ - | $ - | $ - |
| Sepulveda Blvd Bridge & Aerial Station (Diff.) | $ 5.3 | $ 5.3 | $ 1.4 | $ - |
| 26th Street & 17th Street Station Betterments P.E. | $ 0.4 | $ 0.4 | $ 0.4 | $ - |
| 26th Street & 17th Street Station Betterments Construction | $ 9.1 | $ 5.4 | $ 0.3 | $ 3.7 |
| 4th Street Terminus Station P.E. | $ 0.5 | $ 0.4 | $ 0.4 | $ 0.1 |
| 4th Street Terminus Station Construction | $ 8.4 | $ 4.8 | $ - | $ 3.6 |
| Total Uses: | $ 23.6 | $ 16.3 | $ 2.5 | $ 7.3 |

* All 3rd Party funds have been received by the Authority, but not yet committed for expenditure.
Paid-to-Date through 2/28/13

## Phase 2 Exposition Metro Line Construction Authority Contract Status

## Expo Phase 2 Design-Build Contract Status

**Expo Phase 2**
**Contractor: Skanska/Rados**

**Contract No.: XP8902-002**

**Status as of: 31-Mar-13**

**Progress/Work Completed:**
See Page 6

**Areas of Concern:**
See Pages 4 and 5

**Major Activities (In Progress):**
See Page 6 and 7

**Major Activities Next Period:**
See Page 6 and 7

| | Original Contract Dates | Time Extension | Current Contract | Forecast | Variance CDs |
|---|---|---|---|---|---|
| Substantial Completion | 07/10/15 | 0 | 07/10/15 | 07/10/15 | 0 |
| Contract Completion | 01/08/16 | 0 | 01/08/16 | 01/08/16 | 0 |
| | | | | | |
| | | | | | |

**Schedule Summary:**

| | |
|---|---|
| Date of Award: | 05/13/11 |
| Limited Notice to Proceed: | 05/19/11 |
| Original Contract Duration: | 1700 |
| Current Contract Duration: | 1700 |
| Elapsed Time from NTP: | 683 |

**Cost Summary:**

**$ In 000's**

| | Baseline Project | Betterments/ Modifications |
|---|---|---|
| 1. Award Value: | 541,651.27 | 5,278.94 |
| 2. Executed Modifications: | | 26,449.58 |
| 3. Approved Change Orders: | 1277.43 | |
| 4. Current Contract Value (1 + 2 + 3): | **542,928.70** | **31,728.51** |
| 5. Pending Changes: | 9.86 | - |
| 6. Incurred Cost: | 199,246.37 | 6,977.02 |

## Expo Phase 2 VBU Design-Build Contract Status

**Expo Phase 2**
**Contractor: Balfour Beatty Infrastructure, Inc.**

**Contract No.: XP8901-828**

**Status as of: 31-Mar-13**

**Progress/Work Completed:**
See Page 6

**Areas of Concern:**
See Pages 4 and 5

**Major Activities (In Progress):**
See Page 6 and 7

**Major Activities Next Period:**
See Page 6 and 7

| | Original Contract Dates | Time Extension | Current Contract | Forecast | Variance CDs |
|---|---|---|---|---|---|
| Substantial Completion | 07/12/13 | 0 | 07/12/13 | 07/12/13 | 0 |
| | | | | | |
| | | | | | |
| | | | | | |

**Schedule Summary:**

| | |
|---|---|
| Date of Award: | 08/04/11 |
| Limited Notice to Proceed: | 09/01/11 |
| Original Contract Duration: | 680 |
| Current Contract Duration: | 680 |
| Elapsed Time from NTP: | 578 |

**Cost Summary:** **$ In 000's**

| | Baseline Project | Betterments/ Modifications |
|---|---|---|
| 1. Award Value: | 15,675.00 | |
| 2. Executed Modifications: | | |
| 3. Approved Change Orders: | 80.22 | 1,551.90 |
| 4. Current Contract Value (1 + 2 + 3): | 15,755.22 | 1,551.90 |
| 5. Pending Changes: | - | |
| 6. Incurred Cost: | 6,063.75 | 1,412.49 |