

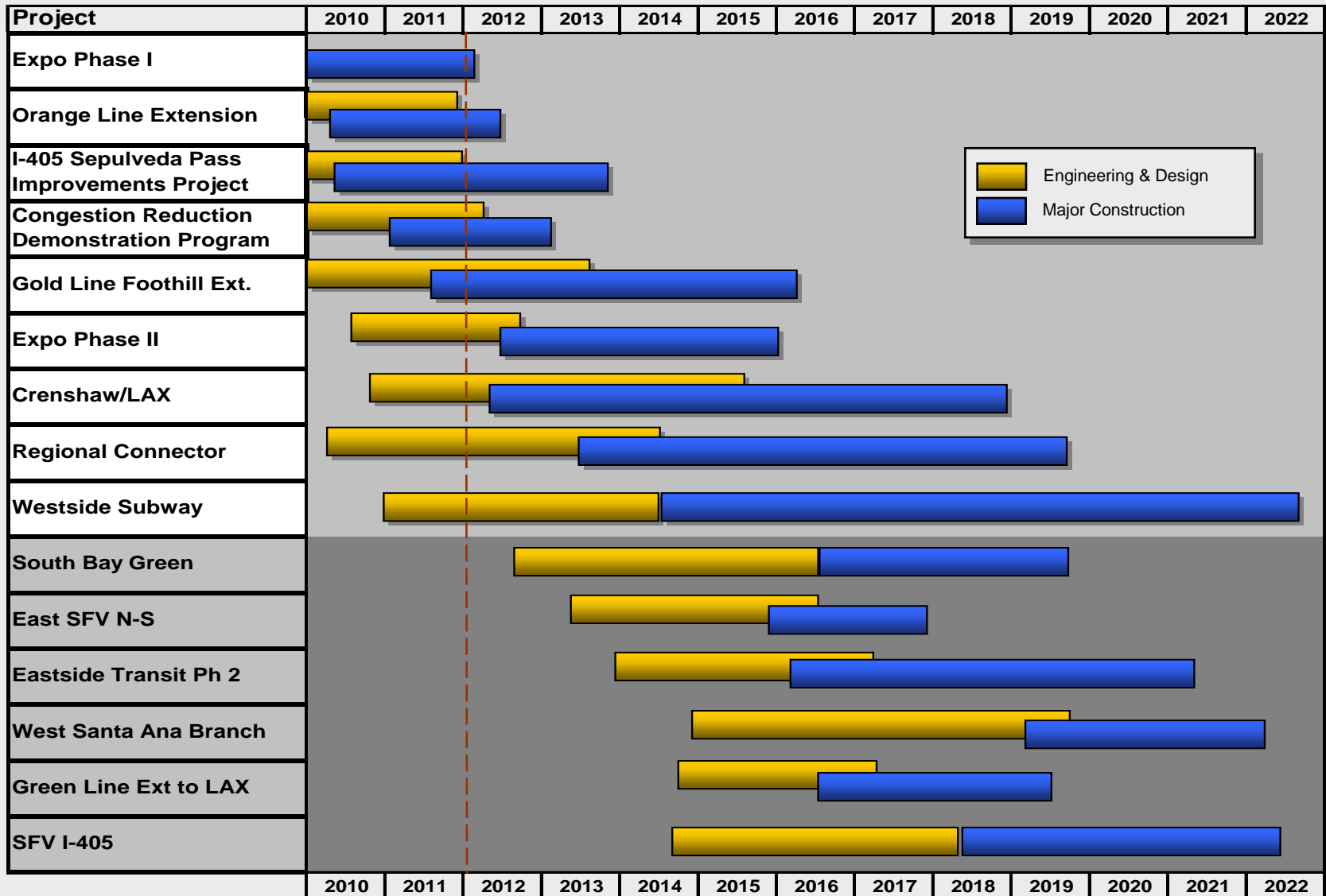
Item 44

Program Management  
**Project Budget  
and Schedule  
Status**



Metro


# Project Schedules\*




\* Assumes AFF funding.

# Orange Line Extension



|  <b>BUDGET</b>                                                                                                                                                                                                                                | Current      | Forecast     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|
| <b>Total Cost (\$ mil.)</b>                                                                                                                                                                                                                                                                                                   | <b>215.6</b> | <b>180.0</b> |
| <ul style="list-style-type: none"><li>▪ Project Control Staff evaluated remaining risks to the project and recommend a forecast at project completion of \$180.0 million.</li><li>▪ Will continue to evaluate overall cost exposure to ascertain if additional savings can be achieved as project nears completion.</li></ul> |              |              |

|  <b>SCHEDULE</b> | Current            | Forecast         |
|-----------------------------------------------------------------------------------------------------|--------------------|------------------|
| <b>Rev. Operation</b>                                                                               | <b>Summer 2012</b> | <b>June 2012</b> |
| <ul style="list-style-type: none"><li>▪ Mitigated majority of the third party delays.</li></ul>     |                    |                  |

## POTENTIAL RISKS

- Coordination between contractor, MTA and third parties as design-build contractor nears substantial completion.
- Timely support from third parties.

# Crenshaw/LAX Transit Corridor



## BUDGET

|                             | Adopted        | Forecast       |
|-----------------------------|----------------|----------------|
| <b>Total Cost (\$ mil.)</b> | <b>1,749.0</b> | <b>1,749.0</b> |

- Life-of-Project Budget adopted in October, 2011
- A follow-up Risk Assessment Workshop in mid January 2012 to assess potential risks on costs and schedule contingency

## SCHEDULE

|                       | Current     | Forecast    |
|-----------------------|-------------|-------------|
| <b>Rev. Operation</b> | <b>2018</b> | <b>2018</b> |

- Received FTA Record of Decision – December 30, 2011
- Issued D-B Step 1 RFQ - December 23, 2011
- Complete Industry Review - January 2012
- Issue D-B Step 2 RFP – anticipate March 2012

## POTENTIAL RISKS

- Assess constructability challenges with FAA; including longer construction windows for partially covered trench along ends of LAX runways.
- Complete bid option design for Vernon Avenue (Leimert Park) Station prior to release of RFP in March 2012.
- Finalize and execute formal agreement with BNSF regarding track abandonment prior to award of Design-Build contract in fall 2012.
- Complete property certifications/appraisals to support construction need dates.

# Westside Subway Extension



## BUDGET

|                      | Current | Forecast |
|----------------------|---------|----------|
| Total Cost (\$ mil.) | 5,662.0 | 5,662.0  |

- Based on FTA New Starts Application which is currently being reviewed.
- Includes Finance Costs.

## SCHEDULE

|                | Current | Forecast |
|----------------|---------|----------|
| Rev. Operation | 2022    | 2022     |

- Late January/ Early February 2012 – Target Release date of Final EIS/EIR for 30-day Review Period
- March 2012 - Board certification of Environmental Document & Project Adoption
- March/April 2012 -FTA Record of Decision

## POTENTIAL RISKS

- MTA Board approval of staff recommended alignment and station location options (Century City, Westwood/UCLA & Westwood/VA Hospital)
- FTA reviews and approvals to support the Record of Decision date of March 2012.
- FTA approval for Entry into Final Design by mid-2012

# Regional Connector



## BUDGET

|                      | Current | Forecast |
|----------------------|---------|----------|
| Total Cost (\$ mil.) | 1,343.0 | 1,343.0  |

- Based on FTA New Starts Application which is currently being reviewed.

## SCHEDULE

|                | Current | Forecast |
|----------------|---------|----------|
| Rev. Operation | 2019    | 2019     |

- December 20, 2011 – Metro received Design/Build RFP documents for review
- January 20, 2012 – Target Release date of Final EIS/EIR for 30-day review period
- February 2012 - Board certification of Environmental Document & Project Adoption
- March 2012 -FTA Record of Decision

## POTENTIAL RISKS

- FTA reviews and approvals to support the Record of Decision date of March 2012
- FTA approval for Entry into Final Design by mid-2012

# Congestion Reduction Demonstration Program

|  BUDGET | Current | Forecast |
|-----------------------------------------------------------------------------------------|---------|----------|
| Total Cost (\$ mil.)                                                                    | 291     | 291      |

- Current Budget and Forecast reflect an increase of \$17M due to removal of contaminated soil at El Monte Transit Center
- Totals do not include Union Division 13, due to removal from CRDP Program in October 2011

|  SCHEDULE | Current | Forecast |
|----------------------------------------------------------------------------------------------|---------|----------|
| Construction Complete                                                                        |         |          |

- |                           |           |           |
|---------------------------|-----------|-----------|
| ▪ El Monte Transit Center | Sept 2012 | Sept 2012 |
| ▪ I-110 ExpressLanes      | Oct 2012  | Oct 2012  |
| ▪ I-10 ExpressLanes       | Feb 2013  | Feb 2013  |
| ▪ Patsaouras Plaza        | June 2014 | June 2014 |

## POTENTIAL RISKS

- Additional drainage modifications are required on the I-110 Freeway, just north of the I-105. This issue will also be coming to the January 2012 Board Meeting to obtain approval to issue a Change Order
- The widening of the Adams Blvd. Bridge requires modification to the Expo Line rail crossing at Adams & S. Flower. This will require a PUC Application and approval, which is being expedited
- LADOT Management reported that the award of the TPS-ATSAC Contract has been delayed and is now on the critical path for the completion of the I-110 ExpressLanes opening

# I-405 Sepulveda Pass Improvement Project



## BUDGET

Total Cost (\$ mil.)

Current

1.04B

Forecast

1.04B

- The project is developing a Cost Re-assessment Forecast to identify potential cost exposure in all areas
- Preliminary estimates for the remaining Provisional Sums Scope of Work indicate that significant additional funds will be required to complete the work



## SCHEDULE

Construction Complete

Planned

May 2013

Forecast

Sept. 2013

- The Forecast completion is now Sept. 2013
- Metro is working with contractor to mitigate any present and potential future schedule delays

## POTENTIAL RISKS

- Schedule is delayed 4 months. Working with Kiewit to bring completion back to May 31, 2013. Contractor performance, VA, Getty, Giro lawsuit potential mitigation, landslide at Wall 2004, and Mulholland Bridge work are the critical issues
- Contractor needs to mitigate delays to prevent any present and potential future schedule slippages
- Project is working with DOT-CalTrans-Kiewit to address significant traffic impacts on Sepulveda and freeway. This will continue to be a problem through next year
- Utility relocation has been a secondary critical path element in completing the work on time. All segments are working with Utility owners, City, and Kiewit to optimize and minimize utility work impacts to the schedule



On target



Possible problem



Major issue





# Gold Line Foothill Extension (Phase 2A)



## BUDGET

|                      | Current | Forecast |
|----------------------|---------|----------|
| Total Cost (\$ mil.) | 764.5   | 764.5    |

- The issuance of a limited NTP maintains proposal price. Acquisition of 50% of maintenance facility property needed to issue full NTP.
- Outstanding litigation could impact budget

## SCHEDULE

|                | Current | Forecast |
|----------------|---------|----------|
| Rev. Operation | 2016    | 2016     |

- Limited NTP issued to contractor. Substantial Completion date established to be September 23, 2015.
- Outstanding litigation could impact schedule

## POTENTIAL RISKS

- CEQA challenge of SEIR and legal challenge of property acquisitions
- Government approved bridge permits
- Real Estate costs
- Third Party impacts
- Scope growth/Change Orders



## RECENT ACTIVITIES/ISSUES

- Need to acquire 50% of maintenance facility property prior to release of all funding and issuance of full NTP
  - California Supreme Court ruling eliminates redevelopment agencies
- CEQA challenge of SEIR denied
  - Judge reversed decision
    - Reversal based on inaccurate information
- I-210 bridge construction
  - Completed two of three columns
  - Completed one of two abutments
  - Design-builder reporting 35 day delay
- Alignment design-builder mobilized project office and submitted project management submittals and some 30 and 60% design packages
- Received water related permits from regulatory authorities

# Exposition Phase I



## BUDGET

|                             | Current      | Forecast     |
|-----------------------------|--------------|--------------|
| <b>Total Cost (\$ mil.)</b> | <b>932.0</b> | <b>935.4</b> |

- Budget may be impacted by \$3.4 million forecast overrun plus any contractor claims or other unknowns.
- Pursuing additional cost savings which include Third Party Reimbursable and other cost savings (\$4 million).

## SCHEDULE

|                          | Current           | Forecast                           |
|--------------------------|-------------------|------------------------------------|
| <b>ROD – La Cienega</b>  | <b>Dec. 2011</b>  | <b>1<sup>st</sup> Quarter 2012</b> |
| <b>ROD – Culver City</b> | <b>Early 2012</b> | <b>2<sup>nd</sup> Quarter 2012</b> |

- Began Metro Operator familiarization week of October 10<sup>th</sup>. Pre-revenue operation to begin this month. Once Pre-Rev commences Metro will determine ROD.

## POTENTIAL RISKS

- Change Orders/Claims
- Third Party overruns
- Cab signaling issue on the 865 cars



## RECENT ACTIVITIES/ISSUES

- Latest independent Authority evaluation of FFP schedule estimates Substantial Completion in January 2012
  - Metro to begin Pre-Revenue Operations this month.
  - After Pre-Revenue Operations commence, Metro will determine Revenue Operations Date
- Remaining construction elements of the Project are scheduled to be completed in early 2012:
  - Farmdale Station & Culver City Work Elements
- Project Budget
  - Budget may be impacted by \$3.4 million forecasted overrun plus any contractor claims or other unknowns
  - Pursuing third party reimbursable costs (\$3 million)
  - Other potential savings (\$1 million)

# Exposition Phase II



## BUDGET

|                             | Current        | Forecast       |
|-----------------------------|----------------|----------------|
| <b>Total Cost (\$ mil.)</b> | <b>1,511.2</b> | <b>1,511.2</b> |

- No issues to report

## SCHEDULE

|                           | Current<br>2015 | Forecast<br>2016 |
|---------------------------|-----------------|------------------|
| <b>Revenue Operations</b> |                 |                  |

|                             |             |             |
|-----------------------------|-------------|-------------|
| Begin Utility Relocations   | Fall 2011   | Fall 2011   |
| Begin Major Construction    | Summer 2012 | Summer 2012 |
| Begin Maint. Facil. Constr. | Winter 2013 | Winter 2013 |

## POTENTIAL RISKS

- Maintenance Facility construction contract not yet bid
- DB Contractor completing project wide utility potholing
- Structural capacity of Kenter Canyon Storm Drain
- Legal appeal of Certified Environmental Document
- Third Party Delays



## RECENT ACTIVITIES/ISSUES

- Completed Preliminary Engineering on Maintenance Facility
- Balfour Beatty submitted the 95% design for the Venice Blvd. bridge
- Submitted final PSR/PR to Caltrans for Venice Blvd. bridge
- Skanska/Rados made 60% design submittal for:
  - City of Santa Monica civil work
  - Motor, Olympic and Sepulveda bridges
  - Sepulveda, National/Palms and Olympic/26<sup>th</sup> stations
- Skanska/Rados has begun structural analysis on the Kenter Canyon storm drain
- Continue close coordination of SCE and LADWP overhead power line relocations