

Item 42

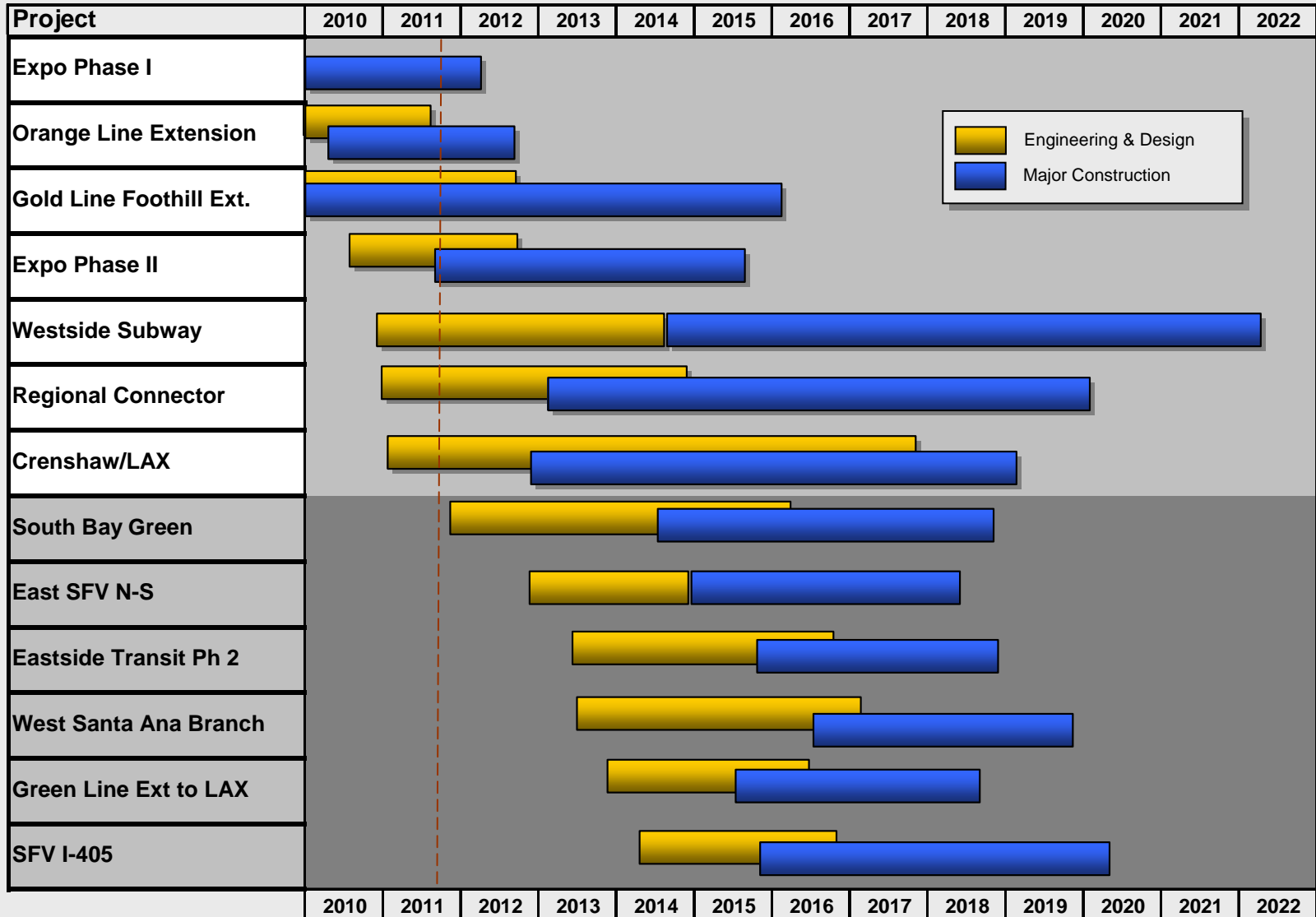
Program Management
**Project Budget
and Schedule
Status**



Metro

October 20 2011

Project Schedules*



* Assumes AFF funding.

Orange Line Extension



BUDGET

	Current	Forecast
Total Cost (\$ mil.)	215.6	180.0

- Project Control Staff evaluated remaining risks to the project and recommend a forecast at project completion of \$180.0 million. This will leave \$12.7 million remaining in contingency (7-11%)

SCHEDULE

	Current	Forecast
Rev. Operation	Summer 2012	Summer 2012

- Mitigating schedule problems due to delays in third party approvals and start of intersection construction.

POTENTIAL RISKS

- City of Los Angeles approvals
- DWP relocations

Crenshaw/LAX Transit Corridor



◆ BUDGET

	Current	Forecast
Total Cost (\$ mil.)	1,715.0	1,749.0

- Life-of-Project Budget request for action this month.
- Formal value engineering process completed and implementation plan in progress for adopted changes.
- Completed base project PE design.

OK SCHEDULE

	Current	Forecast
Rev. Operation	2018	2018


- Receipt of FTA Record of Decision - October 2011
- Issue D-B Step 1 RFQ - November 2011
- Complete Industry Review - January 2012
- Issue D-B Step 2 RFP - January 2012

POTENTIAL RISKS

- Continuing evaluation of contracting strategies to address potential funding shortfall.
- 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 January 2012.
- Finalize agreement with BNSF regarding track abandonment prior to award of Design-Build contract.
- Complete property certifications/appraisals to support construction need dates.

Westside Subway Extension



 BUDGET	Current	Forecast
Total Cost (\$ mil.)	5,340.0	5,340.0
<ul style="list-style-type: none">▪ In-progress total Project Cost Estimate is being reviewed by FTA▪ New Starts Financial Application being reviewed by FTA		

 SCHEDULE	Current	Forecast
Rev. Operation	2022	2022
<ul style="list-style-type: none">▪ September 12, 2011 – Metro submitted New Starts Criteria Templates & Certifications▪ November 8, 2011 – Target Release date of Final EIS/EIR for 45-day Review Period▪ January 2012 - Board certification of Environmental Document & Project Adoption▪ February 2012 -FTA ROD		

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 February 2012 Record of Decision (ROD)
- FTA approval for Entry into Final Design by mid-2012

Regional Connector



BUDGET

	Current	Forecast
Total Cost (\$ mil.)	1,367.0	1,367.0

- In-progress total Project Cost Estimate is being reviewed by FTA
- New Starts Financial Application being reviewed by FTA

SCHEDULE

	Current	Forecast
Rev. Operation	2019	2019

- September 12, 2011 – Metro submitted New Starts Criteria Templates & Certifications
- December 2011 - Board certification of Environmental Document & Project Adoption
- January 2012 -FTA Record of Decision

POTENTIAL RISKS

- FTA reviews and approvals to support the January 2012 Record of Decision (ROD)
- FTA approval for Entry into Final Design by mid-2012

Gold Line Foothill Extension (Phase 2A)



◆ BUDGET

	Current	Forecast
Total Cost (\$ mil.)	735.0	764.5

- Delay in issuance of Notice-to-Proceed (NTP) for Alignment contract could result in increased costs
 - Limited NTP will mitigate

◆ SCHEDULE

	Current	Forecast
Rev. Operation	2015	2016

- Delayed NTP for Alignment contract due to California State Supreme Court case preventing the Authority from purchasing portion of the maintenance facility land from the Monrovia Redevelopment Agency
 - Limited NTP will mitigate

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 issuance of NTP. MTA Board action this month to enable limited NTP
- CEQA challenge of SEIR and legal challenge of property acquisitions
- I-210 bridge construction
 - Completed large diameter pile foundations
 - Began abutment foundations
 - Design-builder reporting 23 day delay
- Need to obtain permits for the San Gabriel River Bridge replacement

Exposition Phase I



BUDGET

	Current	Forecast
Total Cost (\$ mil.)	932.0	934.8

- Budget may be impacted by \$2.8 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
ROD – La Cienega	Dec11	Dec11/Jan12
ROD – Culver City	Early 2012	Early 2012

- Working with Metro to complete testing elements required to begin Pre-Revenue Operations in October prior to substantial completion to support December2011/January 2012 ROD date

POTENTIAL RISKS

- Change Orders/Claims
- Third Party overruns
- La Cienega/Rodeo street improvements



RECENT ACTIVITIES/ISSUES

- Latest independent Authority evaluation of FFP schedule estimates Substantial Completion in November 2011
 - FFP completing testing requirements for Metro to begin Operator Familiarization in mid-October with Pre-Revenue Operations in late October or early November to support December 2011/January 2012 ROD 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 \$2.8 million forecasted overrun plus any contractor claims or other unknowns
 - Pursuing third party reimbursable costs (\$4 million)
 - Other potential savings (\$1 million)

Expo Phase 1 – Budget Summary Recap

LOP Budget Amount (\$ Million)	Budget Adjustment Amount (\$ Million)	Date	Additional Scope	Cost Increase	Justification
640.0		Oct 2005			FEIS Budget
663.3	23.3	09/27/07	23.3		Additional work beyond the project baseline. The changes include enhancements to the Blue Line, crossing modifications requested by CPUC and a new station at Expo Park/USC. No additional contingency included. (MTA Board Item 11.b)
808.3	145.0	11/29/07		145.0	Majority of increase was due to an unprecedented increase in escalation for materials and labor. The FEIS budget included escalation at 3%-4% per year. The actual escalation was over 11%. Additionally, the contractor had completed PE which allowed for a more accurate assessment of costs as compared to the FEIS assessment. A 3% contingency was added. (MTA Board Item 6.a)
862.4	54.1	04/24/08	54.1		Addition of Culver City Aerial Station. Initially this structure was part of the Expo Phase 2 Project. Prop 18 funds were available to accelerate this work. No contingency was added. (MTA Board Item 9)
899.0	36.6	07/22/10	36.6		Addition of several new safety enhancements requested by the CPUC and Metro including a new station at Dorsey High School. No contingency was added. (MTA Board Item 26.c)
927.5	28.5	12/09/10		28.5	Increase for settlement of outstanding claims by the design-build contractor on Phase 1 (MTA Board Item 6.a)
930.6	3.1	02/24/11	3.1		Increase for betterments by Culver City. Additional work was funded by Culver City (MTA Board Item 12.a)
932.0	1.4	04/28/11	1.4		Increase for betterments by the City of LA. Additional work was funded by the City of LA. (City of LA Funding Agreement)
	292.0		118.5	173.5	
934.8	2.8	08/31/11	2.8		Deficit balance currently being managed through strategies in Metro's cost containment policy
931.0	(3.8)	08/31/11	(3.8)		Estimated savings from value engineering, reimbursements and other savings. Does not include costs for remaining unknown risks or claims.

Current Approved Budget

Subtotal Approved Adjustments



Metro

Exposition Phase II



BUDGET

	Current	Forecast
Total Cost (\$ mil.)	1,511.2	1,511.2

- No issues to report

SCHEDULE

	Current 2015	Forecast 2015
Revenue Operations		

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
- Beginning structural capacity analysis of Kenter Canyon Storm Drain Protection
- Legal appeal of Certified Environmental Document
- Third Party Delays
- Scope Growth



RECENT ACTIVITIES/ISSUES

- Held Phase II groundbreaking event on September 12, 2011
- Issued LNTP to the Phase II Design-Build Contractor, Skansa/Rados
- Executed a contract with the Phase II Maintenance Facility Design Consultant; Maintenance Design Group (MDG)
- Issued a LNTP to URS for Engineering and Construction Management Services
- Skansa/Rados began potholing and pre-construction survey activities