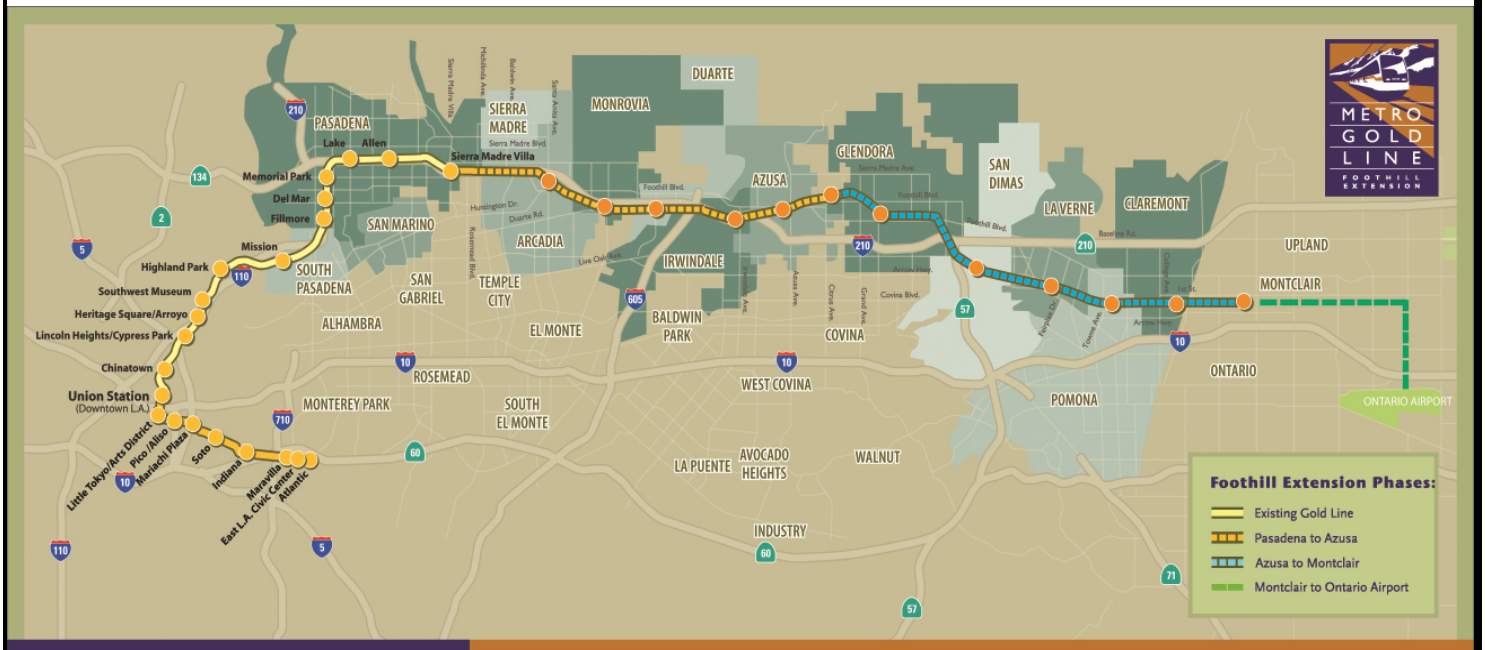
Metro Gold Line Foothill Extension Project

Monthly Project Status Report

March 2013



Metro Gold Line

Connecting Los Angeles, the San Gabriel Valley and Inland Empire

TABLE OF CONTENTS

PHASE II FOOTHILL EXTENSION PROJECT STATUS

Project Description **3**

Pasadena to Azusa Segment **4**

Management Issues 4
Key Activities Completed This Period 5
Key Future Activities 6
Critical Path Schedule 8
Critical Path Float Trend 9
Gold Line Bridge Contract Status 10
Gold Line Bridge Change Management Log 11
Alignment Contract Status 12
Alignment Contract Status (continued) 13
Alignment Construction Progress This Period 14
Facility Construction Progress This Period 15
Alignment Construction Progress Next Period 16
Facility Construction Progress Next Period 17
Alignment Construction Images 18
Alignment Change Management Log 19
Alignment Change Management Log 20
Parking Facilities and Enhancements Contract Status 21
Parking Facilities and Enhancements Contract Status (continued) 22
Parking Facilities and Enhancements Change Management Log 23

Azusa to Montclair Segment 24

Ontario Airport Segment 25

Financial Status 26

FOOTHILL EXTENSION PROJECT DESCRIPTION

The Authority's mandate is to plan, design and construct a 37-mile light rail link between Downtown Los Angeles and Claremont. In addition, the San Bernardino Associated Governments (SANBAG) has requested that planning be extended one mile inside San Bernardino County to the City of Montclair and then to Ontario Airport.

The Metro Gold Line Phase II (Foothill Extension) corridor includes the cities of Pasadena, Arcadia, Monrovia, Duarte, Irwindale, Azusa, Glendora, San Dimas, La Verne, Pomona, Claremont, and Montclair; and the counties of Los Angeles and San Bernardino (Figure 1). The Foothill Extension is estimated to cost approximately $1.4 billion.

The Foothill Extension will be built in two segments to align effectively with projected cash flows and financial capacity constraints. The first segment is defined from the Sierra Madre Villa Station in Pasadena to the city of Azusa. Revenue service along this segment is planned for the year 2015. The second segment would include an extension from Azusa to the City of Montclair with revenue service projected for the year 2017 and the third segment will be comprised of an extension from Montclair to the Ontario Airport.

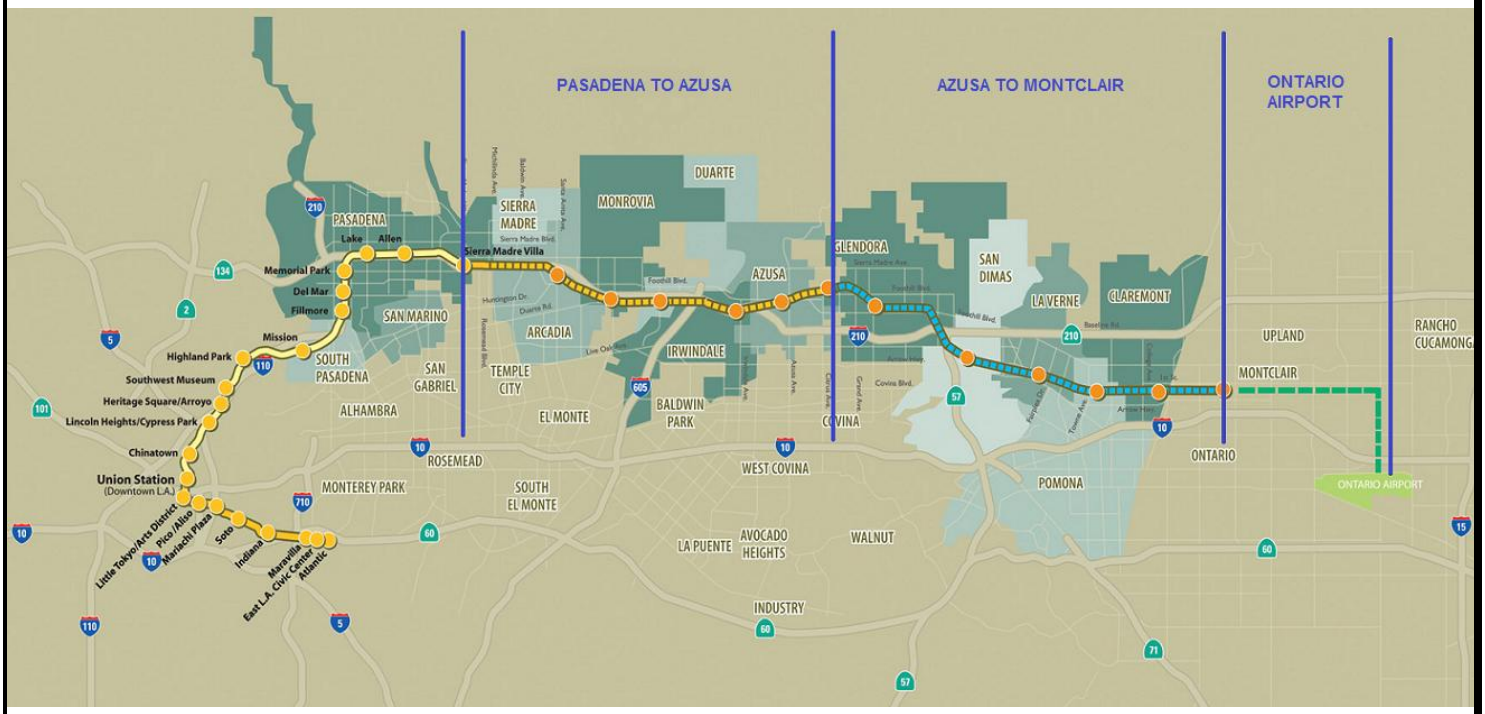


Figure 1: Metro Gold Line Foothill Extension Alignment

Pasadena to Azusa Segment

MANAGEMENT ISSUES

Metro Betterments

During the design process Metro staff have identified betterments that Metro staff would like to add to the project. Metro has provided a final disposition on all but a few items. Authority staff continues to work with Metro staff to resolve the remaining items.

KEY ACTIVITIES COMPLETED THIS PERIOD

Staff continued to attend coordination meetings with cities along the alignment

Authority staff continues to meet with Metro staff to review and discuss the status of the Pasadena to Azusa segment

Held regular Task Force meetings with the C1135 (DB2) contractor, Foothill Transit Constructors (FTC) and participated in construction site visits and audits

FTC reports the following SBE statistics for the month of January:

- Current SBE commitment: $ 62,104,783
- SBE percent committed versus value of Project: 12.78%
- Overall Authority Project SBE goal: 16%

FTC reports the following safety statistics to date:

- 118,000 total work hours performed by FTC, Mass Electric, and Subcontractors
- 0 recordable injuries reported

77 of 82 AFC packages completed for C1135 project

Issued Notice to Proceed to the DB3 design-build contractor, Webcor Builders for the Intermodal Parking Facilities and Enhancements Contract 1150 on March 20th

Continued trenching for site lighting, installation of conduit, slurry and backfill at the Gold Line Operations Campus

Completed installation of traction power duct banks at the Gold Line Operations Campus

Continued mass grading in Segment 1

Completed a half-mile of freight line relocation in Segment 4

Continued work on the following bridges: Citrus, Palm, Foothill, and Colorado

Began work at San Gabriel River Bridge, completed demolition of Santa Anita Wash, and began de-leading process at Saw Pit Wash

Continued work at Duarte Station

Continued excavation and duct bank work at Monrovia Station

Continued construction of grade crossings at California Avenue and Dalton Avenue

Held design meetings with DB3 contractor

KEY FUTURE ACTIVITIES

Continue discussions with corridor cities regarding the project

Continue management of the Alignment contract, which will include evaluation of design and Project management submittals

Continue to meet with Intermodal Parking Facilities and Enhancements Project contractor, Webcor Builders regarding design of the Project

Continue to attend to any issues that may come up by the cities or other stakeholders along the alignment

Complete utility relocation and foundation work of new buildings at the Gold Line Operations Campus (GLOC)

Complete construction of the bridges at Citrus, Palm, Foothill, and Colorado

Complete mass grading in Segment 1

Begin Arcadia station

Complete construction of the Duarte station structural elements and finish excavation of Monrovia station

Finish work at Dalton Avenue and California grade crossings

Finalize the following property acquisitions:

- Arcadia:
    1. Parcel 1305 (108 E. Santa Clara Ave) – Set Just Compensation 4/24
    2. Parcel 1307 (125 N. First Ave) – Set Just Compensation 4/24
    3. Parcel 6006 (333 N. Santa Anita Ave) – Agreement
    4. Parcel 6007 (425 N. Santa Anita Ave) – In escrow
    5. Parcel 6008 (157 E. Huntington Dr) – Agreement
    6. Parcel 6027 (2 La Porte St.) – In escrow
    7. Parcel 6034 (125 E. Wheeler Ave) – Set Just compensation 4/24
    8. Parcel 6038 (408 S. Santa Anita Ave) – Appraisal underway. Set Just Compensation 4/24
    9. Parcel 6039 (325 N. Santa Anita Ave) – Appraisal underway. Set Just Compensation 4/24
    10. Parcel 6040 (310 N. Santa Anita Ave) – Set Just Compensation 4/24
    11. Parcel 6043 (400 N. Santa Anita Ave) – Negotiating

- Monrovia:
    1. Parcel 1702 (1527 S. Mayflower Ave.) – On hold pending FTC design change
    2. Parcel 1802/6035 (1522 S. Mayflower Ave.) – Set Just Compensation 4/24
    3. Parcel 1803 (1703 S. Magnolia Ave.) – Offer withdrawn pending re-engineering by FTC
    4. Parcel 6045 (1703 S. Magnolia Ave.) – Revised Just Compensation 4/24
    5. Parcel 1905 (1726 S. Myrtle Ave.) – In escrow
    6. Parcel 1906 (145 W. Duarte R.) – Motion filed for pre-judgment possession
    7. Parcel 21A23 (Shamrock Ave.) – Seeking quitclaim deed from Home Depot
    8. Parcel 2101/6004 (1713 S. California Avenue) – Negotiating.

9. Parcel 2102/6047 (200 E. Duarte Rd.) – Revised Just Compensation 4/24
10. Parcel 2201 (1711 Mountain Ave.) – Negotiating. Resolution Hearing 4/24
11. Parcel 2205 (Home Depot) – LBBC negotiating
12. Parcel 6020 (1406 Radford St.) – In escrow
13. Parcel 6026 (1721 S. Magnolia Ave.) – Filed for possession. Settlement offer for Board consideration 4/24.
14. Parcel 6044 (S&F Huntington) – Negotiating

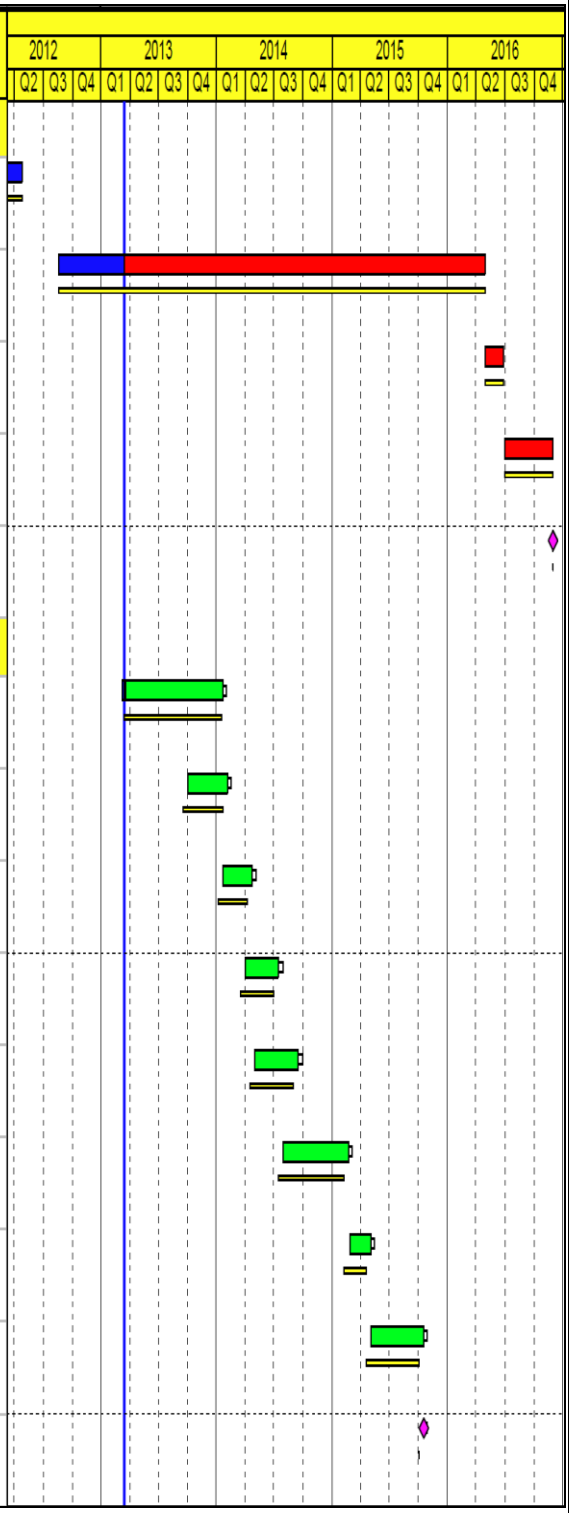
- Duarte:
    1. Parcel 2202 (904 Hamilton Rd.) – Offer sent 4/5
    2. Parcel 2403/6036 (Buena Vista Street) – Negoatiating. Resolution Hearing 4/24
    3. Parcel 2602 (Duarte Station Parking – 1700 Business Center Drive) – Motion filed for pre-judgment possession
    4. Parcel 6031 (1716 Evergreen St.) – Agreement
    5. Parcel 6041/6042 (1500 Duarte Rd) – Negotiating

- Irwindale:
    1. Parcel 3302 (Irwindale Station Parking) – Motion filed for pre-judgment possession.

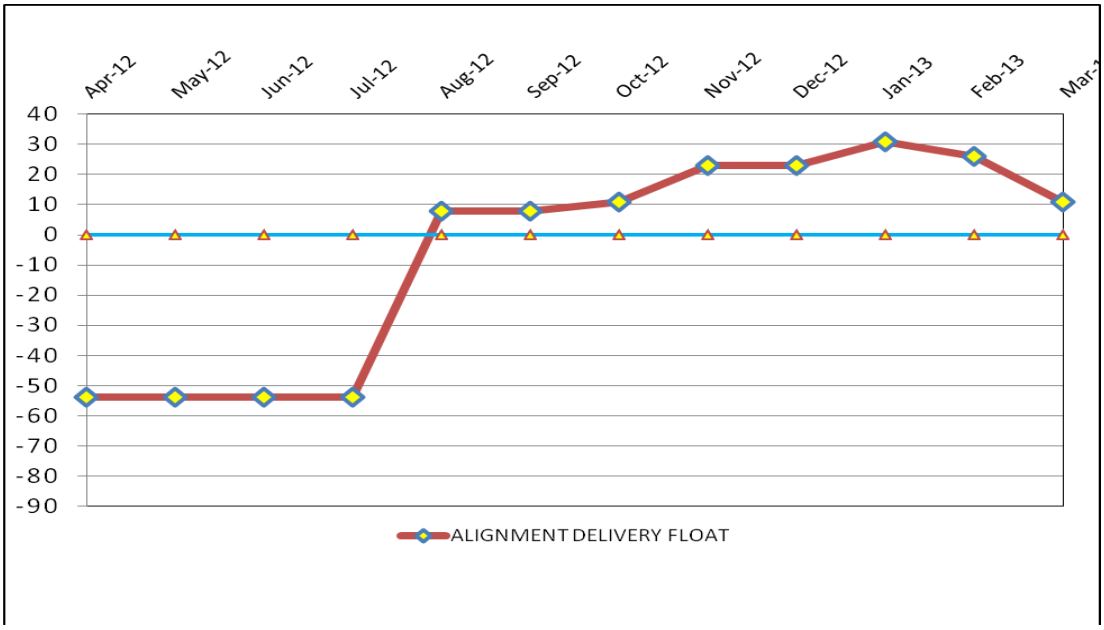
- Azusa:
    1. Parcel 3902 (736 N. Angelo Avenue) – In Escrow.

CRITICAL PATH SCHEDULE

Activity Name	OD	RD	AD	Start	Finish	Total Float
REVENUE OPERATIONS DATE - CRITICAL PATH						
RFP - LRV PROCUREMENT	375	0	557	18.Oct.10 08:00 A	26.Apr.12 15:00 A	
LRV FABRICATION / DELIVER 15 VEHCILES	1353	1143	210	17.Aug.12 07:00 A	30.Apr.16 15:00	0
METRO - Pre-Revenue Operations - Phase 2A	60	60	0	01.May.16 07:00	29.Jun.16 15:00	0
METRO - Project Schedule Contingency (10 Mo.)	154	154	0	30.Jun.16 07:00	30.Nov.16 15:00	0
Phase 2A - Revenue Operations Date (ROD)	0	0	0		30.Nov.16 15:00*	0
ALIGNMENT DELIVERY DATE - CRITICAL PATH						
TRACK INSTALLATION - SEGMENT 4 (FRT)	220	220	7	06.Mar.13 07:00 A	21.Jan.14 15:00	8
TRACK INSTALLATION - SEGMENT 3	90	90	0	03.Oct.13 07:00	05.Feb.14 15:00	8
TRACK INSTALLATION - SEGMENT 2	65	65	0	23.Jan.14 07:00	23.Apr.14 15:00	8
TRACK INSTALLATION - SEGMENT 1	75	75	0	03.Apr.14 07:00	16.Jul.14 15:00	8
TRACK INSTALLATION - SEGMENT 4 (LRT)	100	100	0	01.May.14 07:00	17.Sep.14 15:00	8
OCS - INSTALLATION - SEGMENT 4	150	150	0	30.Jul.14 07:00	24.Feb.15 15:00	8
OCS - TESTING - SEGMENT 4	50	50	0	25.Feb.15 07:00	05.May.15 15:00	8
SYSTEMS INTERGRATION TESTING	120	120	0	06.May.15 07:00	20.Oct.15 15:00	8
C1135 - >>>SUBSTANTIAL COMPLETION - 1420 CD<<<	0	0	0		20.Oct.15 15:00*	11



CRITICAL PATH FLOAT TREND



Critical Path Analysis

Revenue Operations Date Critical Path - (0 Calendar Days / 0 Work Days)
The Metro Light Rail Vehicle (LRV) fabrication remains on the critical path this period. The delay issuing Notice to Proceed to the LRV manufacturer and changes to the anticipated delivery of the 15 vehicles have placed this work as a priority to achieve ROD. The critical path continues through Metro Pre-Revenue Operations, and schedule contingency (5 months). The Metro Revenue Operations Date is currently on schedule for November 30, 2016.

Alignment Delivery Date Critical Path - (11 Calendar Days / 8 Work Days)
This period FTC has mitigated a potential schedule delay to the Substantial Completion Milestone by re-sequencing the freight track installation. Last period, it was reported that the Foothill Freight Bridge girder fabrication presented potential access delay for track installation. However, FTC has indicated the access issue will be mitigated by re-sequencing the track installation between Foothill Bridge and San Gabriel River. The mitigation will call for utilization of the existing freight track to move track installation equipment past Foothill Bridge. FTC will return to finish the freight track installation after the new Foothill Freight Bridge is complete.
The critical path continues through light rail track installation, followed by Segment 4 OCS installation and testing. Systems Integration will begin after Segment 4 testing is complete. Upon the completion of Systems Integration testing, FTC will achieve Substantial Completion and turn-over to Metro for Pre-Revenue Testing.

Project Float
The project float for the Revenue Operations Date remains unchanged at 0 days. The critical activities on this path are on schedule to meet the Target Revenue Operations Date of November 2016. The Alignment Delivery Date float value improved 5 days this period. The Alignment Delivery Date is currently 11 days ahead of the October 31, 2015 deadline.

Description: Iconic Freeway Structure **Status:** March 15, 2013

Contract No.: C1134 **Contractor:** Skanska

Progress Completed This Period:

This period, the Design-Build Contractor completed the Safety Certification.

Areas of Concern:

No concerns

Schedule Assessment:

The Design-Build Contractor continues to progress the as-built drawings and the operations & maintenance manuals. Upon completion of these items, Final Acceptance will be granted.

Cost Assessment:

The current Contract cost forecast increased $5,408 from last period due to the execution of change order No.15. The forecast is at 19.80 million and within the authorized budget.

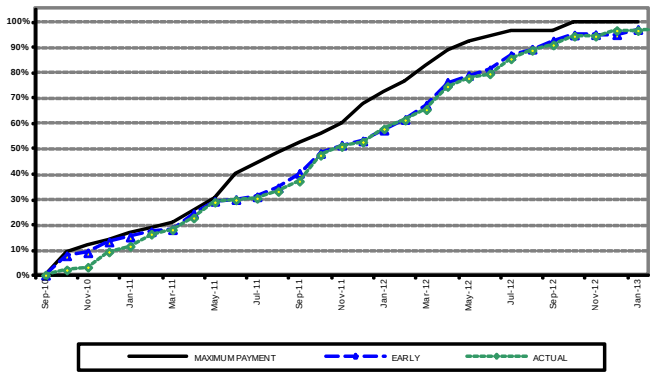
Schedule Summary:

Contract Award:	06/18/10	
Notice to Proceed (NTP) :	08/03/10	
Original Contract Duration:	880	Calendar Days
Current Contract Duration:	945	Calendar Days
Elapsed Time from NTP:	955	Calendar Days

Cost Summary:

	Million(s)
CONTRACT	
Contract Award Value:	18.57
Executed Change Orders:	1.23
Current Contract Value:	19.80
Potential Change Orders:	0.00
Current Forecast:	19.80
Earned Value/Actual Cost to Date	19.22
AUTHORIZATION FOR EXPENDITURE	
Budget	19.80
Commitment	19.80
Balance	0.00

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	07/03/12	11/29/12	11/29/2012 A	0
2	Punchlist Complete	10/01/12	12/05/12	2/4/2013 A	(61)
3	Final Acceptance	12/30/12	03/05/13	03/08/13	(3)



Metro Gold Line Foothill Extension Construction Authority

406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Change Management Log

Date: 4/18/2013

Project: C1134 IFS - Skanska Contract #: C1134

Original Contract Amount:	$18,570,092				
Approved Change Orders:	$1,228,939	6.62%	Pending Change Orders:	$0	0.00%
Current Contract Total:	$19,799,031		Pending Contract Total:	$19,799,031	6.62%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
001.00	001.00	Project Concept Advisor Services	2/15/2011	2/15/2011	0		$0
002.00	002.00	Professional Liability Insurance	3/9/2011	3/9/2011	0		$0
003.00	003.00	Sound Wall Requirement Changes	4/25/2011	4/25/2011	0		($38,552)
004.00	008.00	Deletion of Abutment 14	10/28/2011	10/28/2011	0		$41,739
005.00	009.00	Additional Superstructure Arch Chng	12/14/2011	12/15/2011	1		$122,259
006.00	010.00	Drainage System Location	12/22/2011	12/22/2011	0		$5,617
007.00	011.00	Caltrans Requested Renderings	3/1/2012	3/2/2012	1		$14,768
008.00	012.00	Time Extension	4/11/2012	4/13/2012	2	65	$0
009.00	005.00	Aesthetic Lighting, Misc Extra Work	7/18/2012	7/19/2012	1		$61,094
010.00	007.00	Architectural Features	9/5/2012	9/12/2012	7		$18,494
011.00	013.00	Retaining Walls at IFS Approaches	9/18/2012	9/18/2012	0	84	$732,762
012.00	015.00	Added Falsework Stripping Req'ts.	10/3/2012	10/4/2012	1		$24,918
013.00	006.00	Landscape/Hardscape	10/12/2012	10/17/2012	5		$79,967
014.00	016.00	Ceremony Prep and Misc. Added Work	2/15/2013	2/19/2013	4		$160,464
015.00	017.00	Purchase Additional Light Fixtures	2/28/2013	2/28/2013	0		$5,408
						Subtotal:	$1,228,939
						Subtotal:	$1,228,939
						Total:	$1,228,939

Description: Alignment Design / Build **Status:** March 15, 2013

Contract No.: C1135 **Contractor:** Foothill Transit Constructors (Kiewit-Parsons J.V.)

Progress Completed This Period

- Submit AFC Design - Traction Power System - M&O
- Submit AFC Design - Communications - M&O
- Submit AFC Design - Train Control - Mainline
- Submit AFC Design - OCS - M&O Facility
- Submit AFC Design - Ductbank Conduit System - Mainline
- Submit AFC Design - Train Control - M&O
- Submit AFC Design - Civil Roadway Segment 2 & 3
- Submit AFC Design - Ductbank Conduit System - M&O
- Submit 100% Design - Arcadia Sta . Comm. Book of Plans
- Submit 100% Design - Monrovia Sta. Comm. Book of Plans
- Submit 100% Design - Duarte Sta. Comm. Book of Plans
- Submit 100% Design - Irwindale Sta. Comm. Book of Plans
- Submit 100% Design - Alameda Sta. Comm. Book of Plans
- Submit 100% Design - Citrus Sta. Comm. Book of Plans
- Submit 100% Design - SMV Sta. Comm. Book of Plans
- Submit 85% Design - Train Control Book of Plans
- Submit 100% Design - Fence - Segment 2
- Submit 100% Design - Grading & Drainage - Segment 2

Activities Planned Next Period

- Submit AFC Design - Traction Power System - Mainline
- Submit AFC Design - Communications Mainline
- Submit 100% Design - Walls Segment 3
- Submit AFC Design - Traffic Signal & Lighting Segment 2 & 3
- Submit AFC Design - Grading & Drainage - Segment 3
- Submit 100% Design - Walls Segment 2

Areas of Concern

- 1st/Santa Clara Grade Crossing Permit. The Authority submitted the revised GO-88b grade crossing application to CPUC this period. The Authority expects a response from the CPUC in April 2013. Provided the approval from the CPUC is received prior to the planned grade crossing installation in September 2013. At this time, an impact to the project schedule is not anticipated.
- Crossing Planning & Communication. The Design-Build Contractor needs an improved approach to planning grade crossing activities. The Authority will require site specific work plans and pre-activity meetings prior to starting various construction installations at grade crossing.
- Grade Crossing Schedule. The Grade crossing durations and schedules are slipping due to productivity. The Authority will work with the Design-Build Contractor to plan grade crossing activities and completing the work within the constraints established by Cities.

Areas of Concern (Continued)

- Segment 3 Grade Crossing Property Acquisitions. The Design-Build Contractor has been late delivering parcel legal descriptions in a timely manner. There is a potential schedule impact to the Segment 3 grade crossing construction and schedule if the parcel legal descriptions are not approved. The Authority will attempt to mitigate potential delays by obtaining Right-of-Entry from property owners prior completing negotiations.

Description: Alignment Design / Build **Status:** February 15, 2013

Contract No.: C1135 **Contractor:** Foothill Transit Constructors (Kiewit-Parsons J.V.)

Cost Summary:

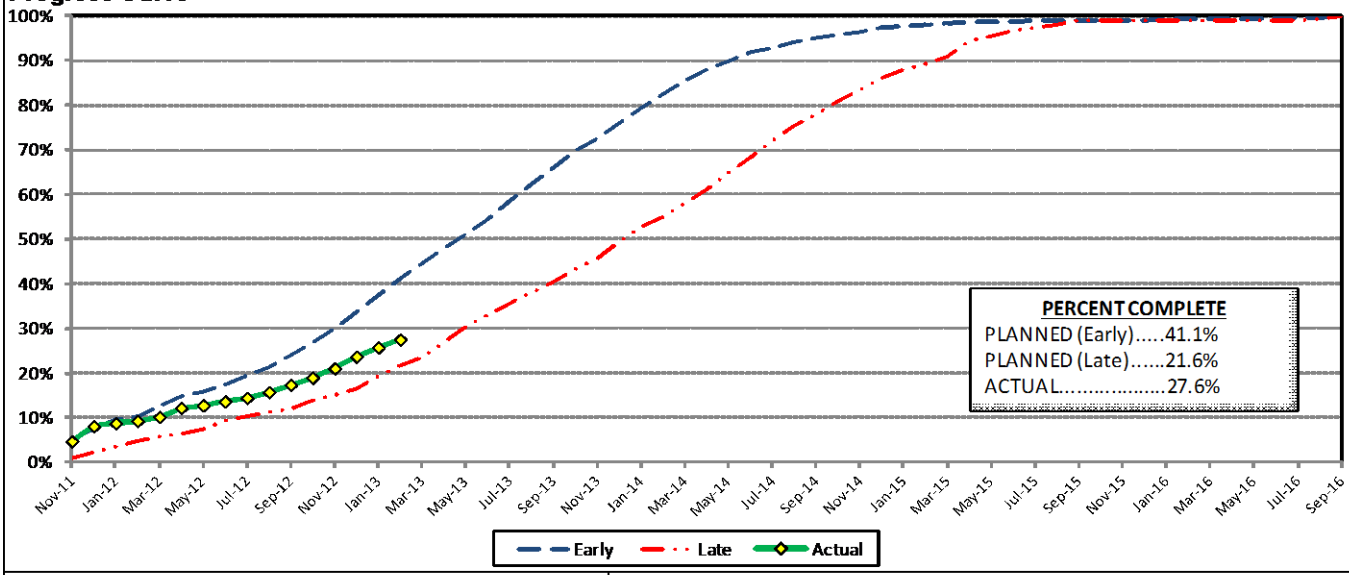
	Million(s)
CONTRACT	
Contract Award Value:	485.9
Executed Change Orders:	5.7
Current Contract Value:	491.6
Potential Change Orders:	1.4
Current Forecast:	493.0
Earned Value/Actual Cost	132.5
AUTHORIZTION FOR EXPENDITURE	
Budget	507.6
Commitment	503.6
Balance	10.6

Cost Assessment:

This period the Contract forecast remained constant at $493.0 Million. The potential change orders are potential additional costs are due to PCO - 023 - *Station Lighting* & Pavers Change, PCO 025 - *Block Type Change at M&O Building*, RFC 018.2 - *M&O Differing Site Conditions*. Some of the costs were offset by decreases due to CO 023 - *Contaminated Soil Abatement*, CO 025 - *Santa Anita Trail Detour*, and CO 024 - *Monrovia Sound Wall Panel Change*.

The Design-Build Contractor has earned 132.5 Million and is currently 27.6% complete. The progress is currently 13.5% behind the schedule, which is due to fabrication and delivery progress for materials such as *Special Track Work*, *M&O Equipment*, and *Bridge Girders*.

Progress Curve



Schedule Summary:

Contract Award:	07/27/11	
Interim Notice to Proceed (INTP) :	11/03/11	
Original Contract Duration:	1,780	Calendar Days
Current Contract Duration:	1,780	Calendar Days
Elapsed Time from NTP:	470	Calendar Days

Contract Milestones

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	09/23/15	09/23/15	10/20/15	(27)
2	Punchlist Complete	06/19/16	06/19/16	07/16/16	(27)
3	Final Completion	09/17/16	09/17/16	10/14/16	(27)
4	Access - IFS Br.	12/15/12	12/15/12	12/15/2012 A	0
5	Test Track Complete	03/27/15	03/27/15	03/30/15	(3)
6	Colorado Br. Demo Complete	02/01/12	02/01/12	6/15/2012 A	(135)

Schedule Assessment:

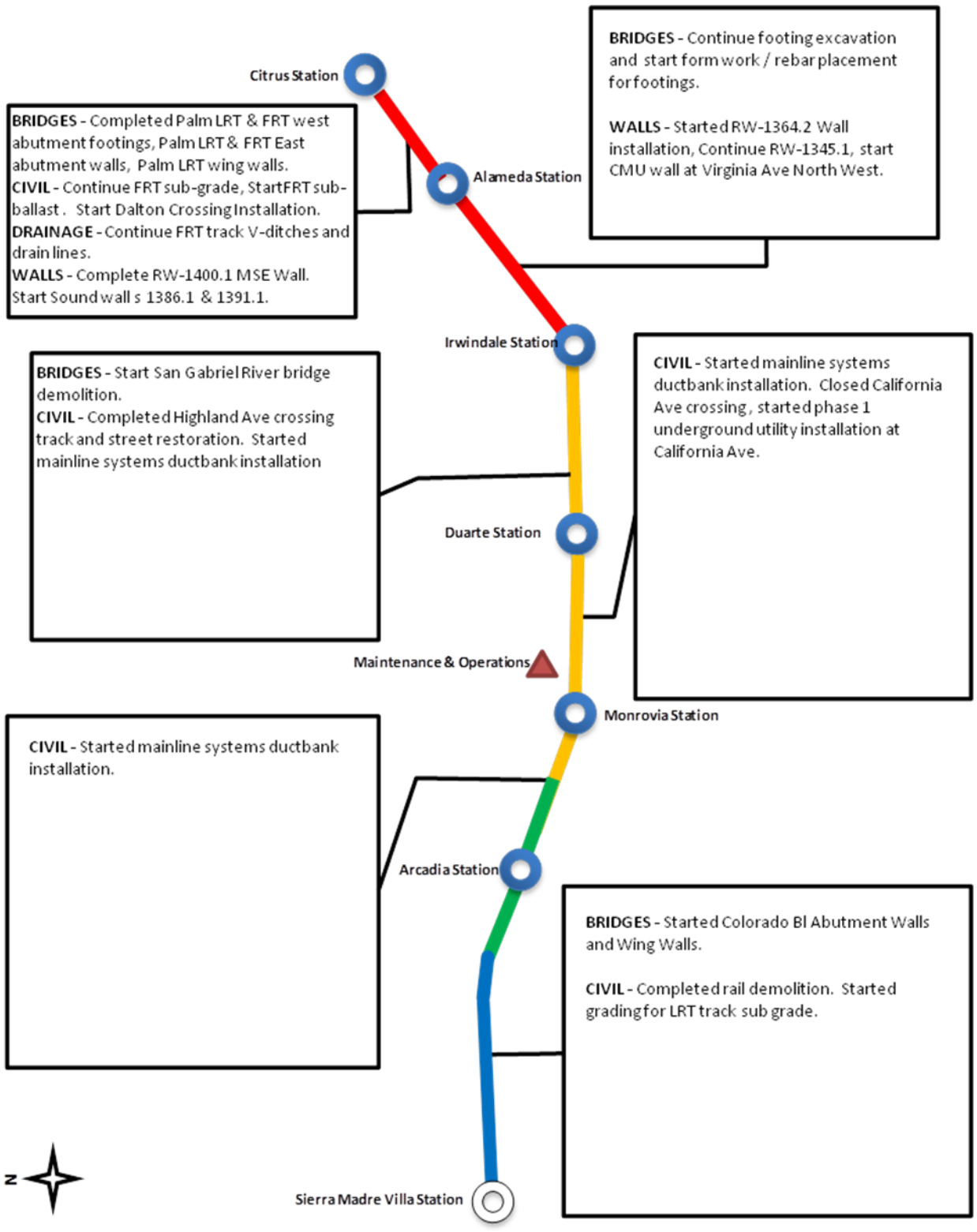
This period, the Foothill Freight Bridge was taken off of the critical path due to the potential freight track installation re-sequencing. A potential two month schedule impact was minimized by the mitigation. The mitigation will call for bypassing the Foothill Freight Bridge and continue installing track at the available grades. The track crews will have to return to Foothill Freight Bridge when the bridge installation is complete in order to complete the last section of track for the freight track re-alignment. The critical path continues through the freight track installation. Track crews are installing track between San Gabriel Avenue and Pasadena Avenue.

The Substantial Completion Milestone is twenty-seven (27) days behind schedule and is forecast to be complete on October 20, 2015.

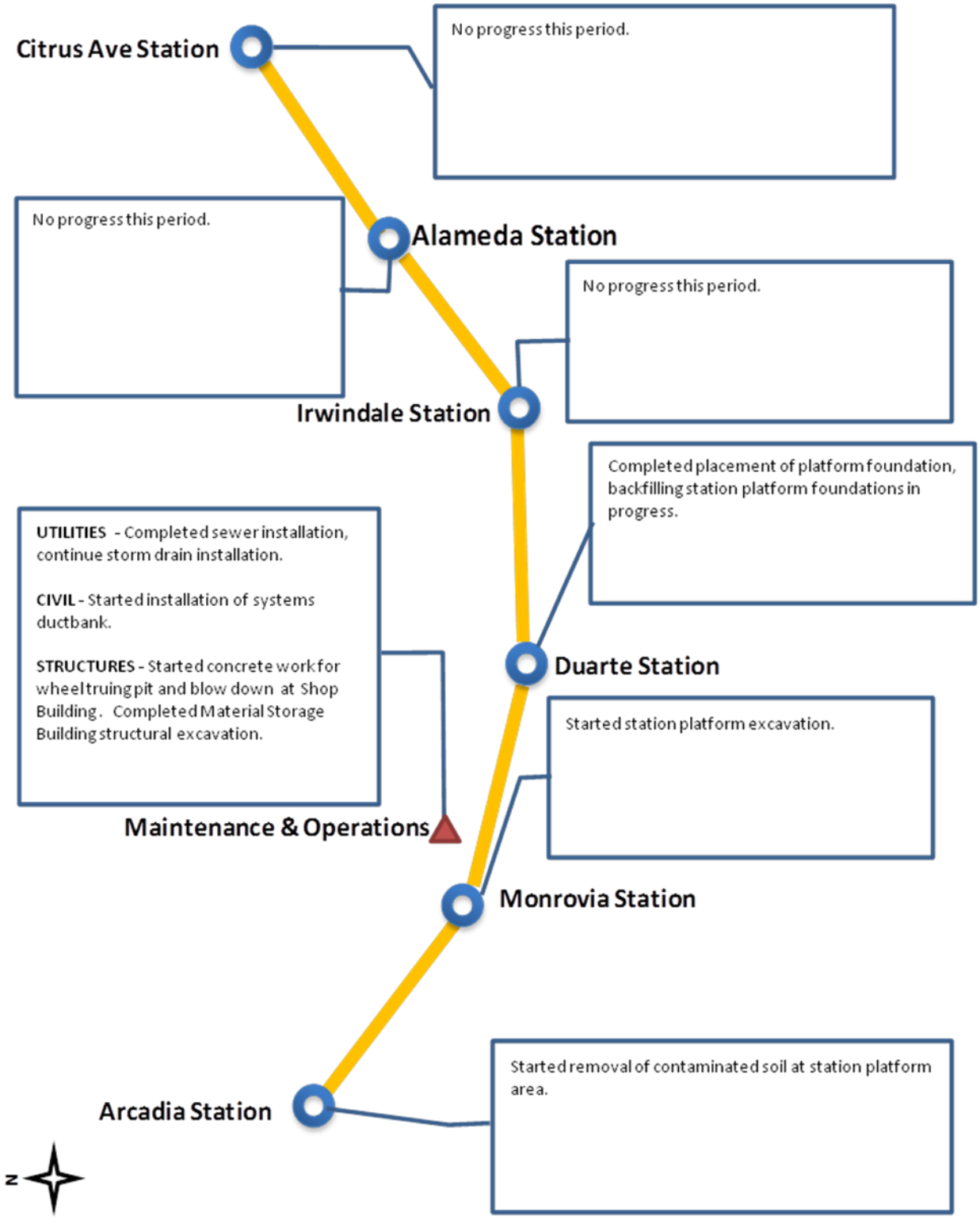
Access to the IFS was granted on December 15, 2012.

The Test Track Completion is forecast to be available on March 30, 2015.

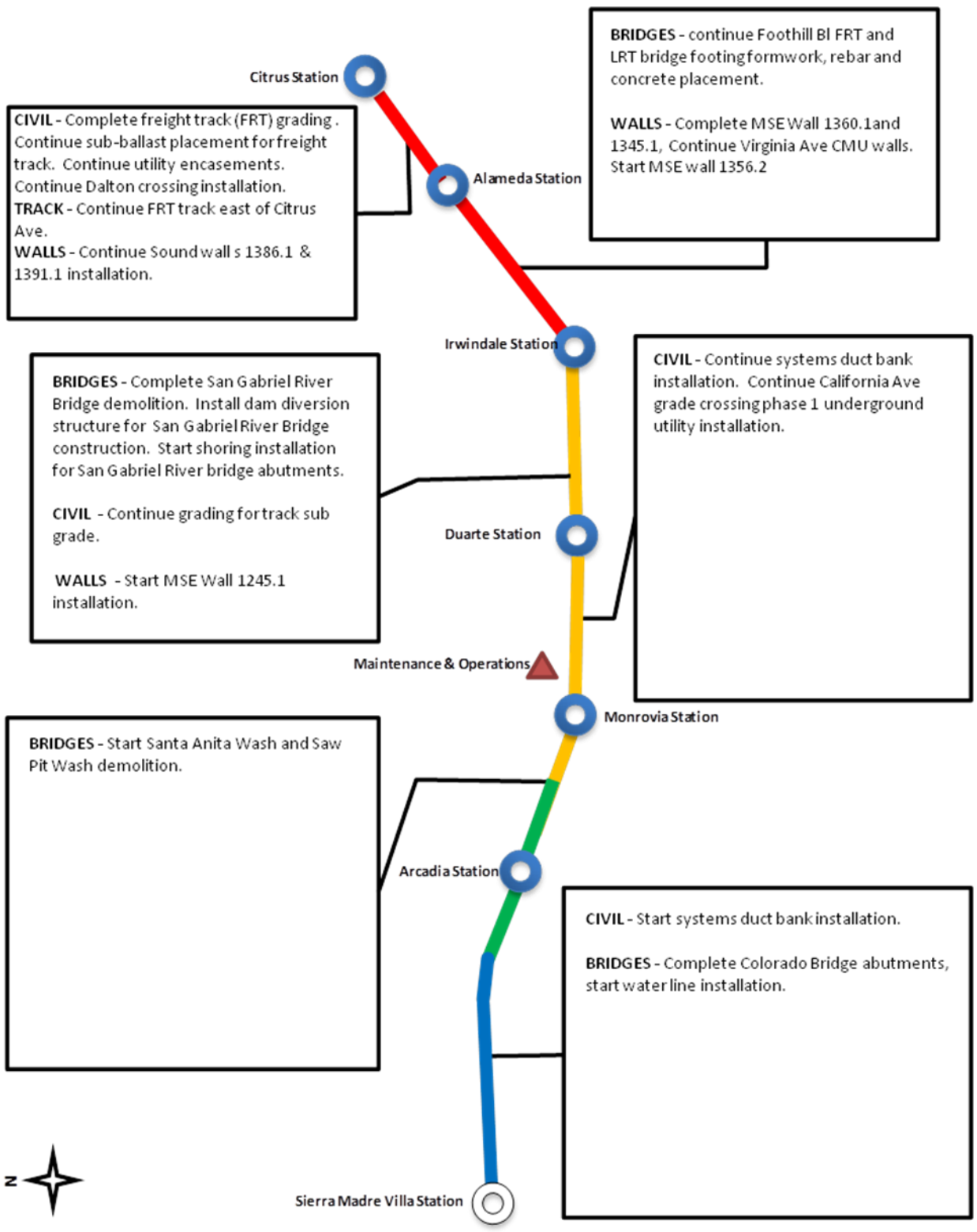
ALIGNMENT CONSTRUCTION PROGRESS THIS PERIOD



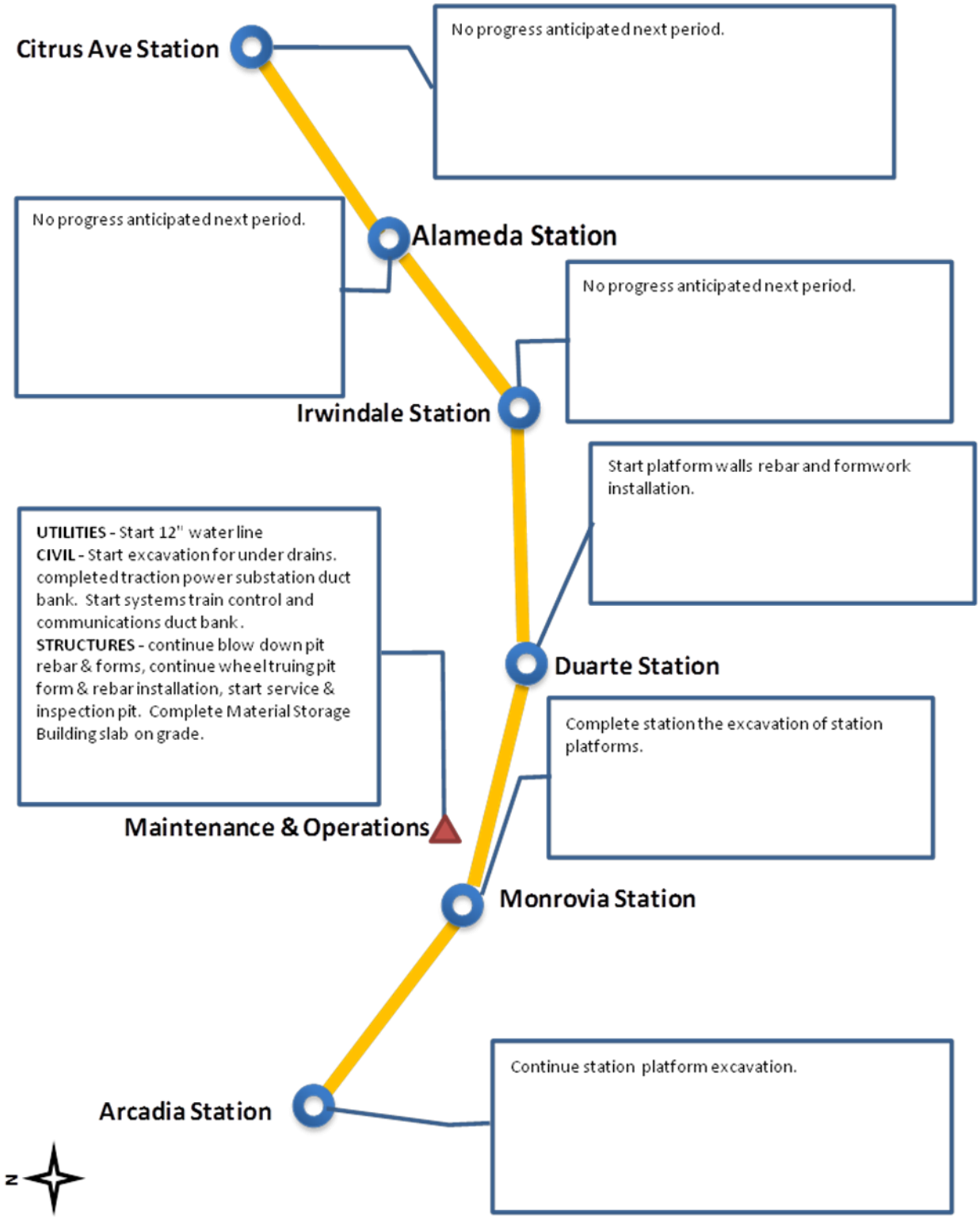
FACILITY CONSTRUCTION PROGRESS THIS PERIOD



ALIGNMENT CONSTRUCTION PROGRESS NEXT PERIOD



FACILITY CONSTRUCTION PROGRESS NEXT PERIOD



Alignment Construction Images

Duct bank work at
Gold Line Operations Campus

Work at Azusa-Citrus bridge

Excavation work at
Monrovia Station

Change Management Log

Date: 4/18/2013

Project: C1135 Alignment - FTC Contract #: C1135

Original Contract Amount:	$485,867,000				
Approved Change Orders:	$5,573,231	1.15%	Pending Change Orders:	$226,089	0.05%
Current Contract Total:	$491,440,231		Pending Contract Total:	$491,666,320	1.19%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
001.00	000.00	Interim NTP	11/3/2011	11/3/2011	0		$0
002.00	013.00	Colorado Bridge Haz Mat	5/17/2012	5/18/2012	1		$121,382
002.01	013.01	Colorado Bridge HazMat - Final	9/5/2012	9/7/2012	2		$13,164
003.00	001.00	Sound Wall Deletion - Duarte Road	7/12/2012	7/18/2012	6		($74,707)
004.00	018.00	Revise Block Design - CBD Calc	8/23/2012	8/29/2012	6		$3,986
005.00	023.00	Wayside Signal Aspect Revision	9/6/2012	9/7/2012	1		$26,072
006.00	040.00	Arcadia Frieze, Bench-Artist Design	9/6/2012	9/10/2012	4		$13,683
006.01	040.01	Arcadia Frieze, Bench-Construction	3/7/2013	3/12/2013	5		$155,894
007.00	019.02	Soils Testing Abutments & Fdns	9/14/2012	9/18/2012	4		$44,993
008.00	041.00	Unknown Utilities RFCN 005 006 008	9/14/2012	9/18/2012	4		$132,450
009.00	038.00	Illuminate City Names @ Stations	9/18/2012	9/24/2012	6		$184,657
010.00	046.00	SGRB - Lead Based Paint Remediation	9/21/2012	9/24/2012	3		$244,536
011.00	004.00	Station Architectural Changes	10/11/2012	10/12/2012	1		$443,950
012.00	003.01	Systems and Testing for Added TPSS	12/13/2012	12/14/2012	1		$1,443,193
013.00	005.02	IDIQ Comm Contract (Rev 2)	12/14/2012	1/22/2013	39		$698,259
014.00	060.00	Sewer Encasement Changes in Azusa	12/18/2012	1/24/2013	37		$141,354
015.00	037.02	M&O - Materials Storage Revisions	12/26/2012	1/15/2013	20		$62,862
016.00	002.00	Relocation of Access Road to 3M Fac	12/26/2012	1/16/2013	21		$53,814
017.00	025.00	3 Electrical Casings for ALW	2/27/2013	3/1/2013	2		$219,033
018.00	073.00	Hazardous Abatement at Bridges	1/15/2013	2/6/2013	22		$1,081,803
019.00	054.00	City of Hope Conduits	1/11/2013	1/22/2013	11		$34,313
020.00	059.00	Citrus TPSS Transformer Pad Changes	2/6/2013	2/7/2013	1		$34,536
021.00	075.00	Demo & Replace Palm Dr. Roadway	2/7/2013	2/14/2013	7		$90,365
022.00	077.00	M&O Differing Site Conditions; Pt 1	2/13/2013	2/15/2013	2		$66,360
022.01	093.00	M and O DSC T and M Work Part 2	3/8/2013	3/12/2013	4		$66,625
022.02	103.00	M and O DSC Part 3	3/27/2013	3/28/2013	1		$35,211
023.00	089.00	Contaminated Soil Abatement	2/26/2013	2/27/2013	1		$422,068
024.00	068.00	Monrovia Sound Wall Panel Change	2/26/2013	2/28/2013	2		($24,150)
025.00	052.00	Santa Anita Trail Detour	3/8/2013	3/12/2013	4		$27,691
026.00	070.00	Block Type Change at M&O Building	3/26/2013	3/26/2013	0		$35,016
027.00	065.00	M&O IT Changes-Duct Banks/Conduits	3/26/2013	3/26/2013	0		$88,650
028.00	039.01	Delete Layover Building	4/11/2013	4/12/2013	1		($313,832)
						Subtotal:	$5,573,231
						Subtotal:	$5,573,231
PENDING Change Orders							
029.00	095.00	8in Sanitary Sewer Line- Alameda Av	4/16/2013		2		$226,089
						Subtotal:	$226,089
						Subtotal:	$226,089
						Total:	$5,799,320

Change Management Log

Project: C1135 Alignment - FTC Contract #: C1135

Open PCOs

PCO Number	Title
OPEN	
006.00	IFS Related Scope Modifications
007.01	Emer. Backup for Guideway Lighting
012.00	SCE Relocation Duarte Rd (UG)
018.00	Totten Tubes Credit
020.00	Landscaping-North side of Duarte Rd
022.01	M&O IT Changes - remaining work
023.00	Station Lighting and Pavers Change
026.00	Duarte Rd Screen Wall Change
027.00	M&O Facility and 3M Fencing Changes
028.00	M&O Vehicle Sanding System Changes
029.00	Del. Irwindale/Gladstone Mitigation
030.00	M&O Drainage System Enhancements
031.00	Rockvale Water Line Mitigation
032.00	Vosburg Water Line Betterments
033.00	M&O-Disconnect Switches & Insulator
034.00	Delete Spring Frogs at Yard Leads

Open RFCs

RFC Number	Title
OPEN	
013.00	12" Pasadena Waterline
021.00	Highland Ave Abandoned CMP sleeves
027.00	Demo Section Conflict 8-in wtr lin

Open RFC Notices

Number	Title
011	TPSS 05 Property Acquisition
020	20-in Vosburg Water Line Betterment
023	Relocate 6-in Water Line at Foothil

Description: Intermodal Parking Facilities & Enhancements **Status:** March 15, 2013

Contract No.: C1150 **Contractor:** Webcor Builders

Progress Completed This Period	Activities Planned Next Period
• Design Kick-Off Meeting	• Notice to proceed • Design Kick-Off with Local Cities
Areas of Concern	**Areas of Concern (Continued)**
•	•

Description: Intermodal Parking Facilities & Enhancements **Status:** March 15, 2013

Contract No.: C1150 **Contractor:** Webcor Builders

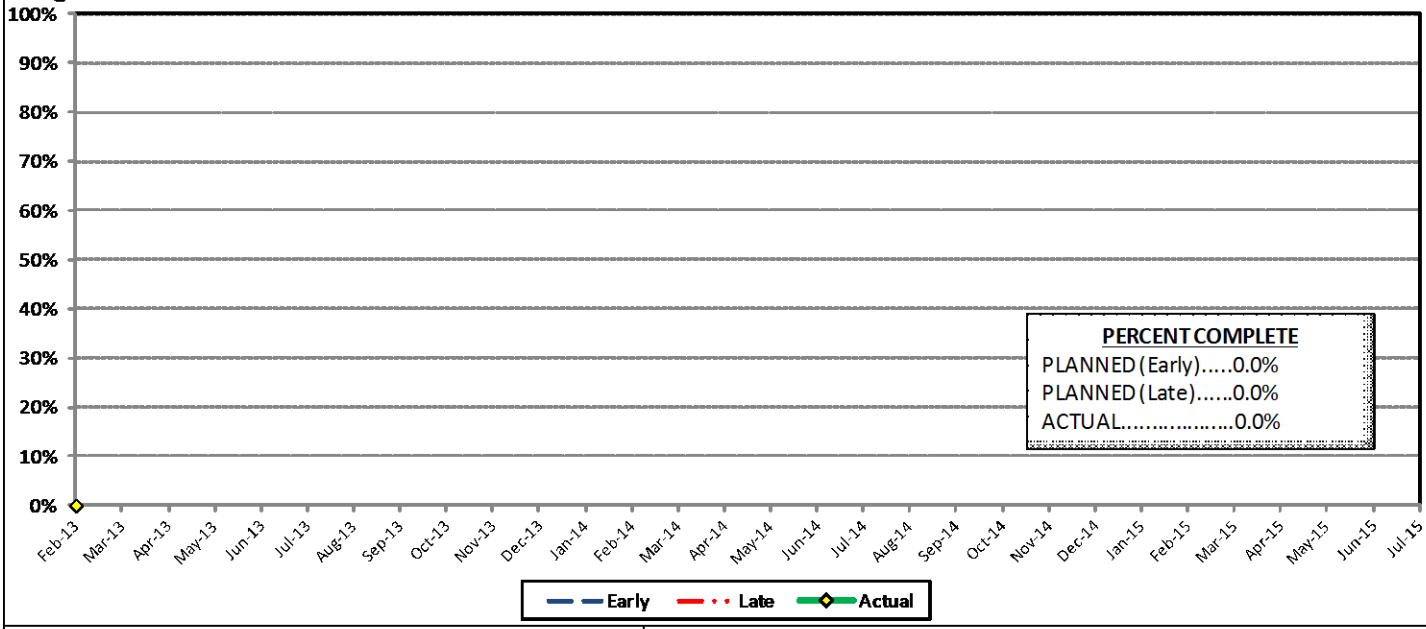
Cost Summary:

	Million(s)
CONTRACT	
Contract Award Value:	48.8
Executed Change Orders:	0.0
Current Contract Value:	48.8
Potential Change Orders:	0.0
Current Forecast:	48.8
Earned Value/Actual Cost	0.0
AUTHORIZTION FOR EXPENDITURE	
Budget	50.3
Commitment	50.3
Balance	1.5

Cost Assessment:

The current cost forecast is 48.8 Million. The forecast is within the authorized budget. No potential change orders were identified this period.

Progress Curve



Schedule Summary:

Contract Award:	02/27/13	
Interim Notice to Proceed (INTP) :	03/20/13	
Original Contract Duration:	845	Calendar Days
Current Contract Duration:	845	Calendar Days
Elapsed Time from NTP:	(5)	Calendar Days

Contract Milestones

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	03/15/15	03/15/15	03/15/15	0
2	Punchlist Complete	05/29/15	05/29/15	05/29/15	0
3	Final Completion	07/13/15	07/13/15	07/13/15	0
4	TPSS Work	03/01/14	03/01/14	03/01/14	0

Schedule Assessment:

Notice to proceed will be issued within the next period. The Design-Build Contractor will develop the baseline schedule, which will be submitted for review by May 2013.

Metro Gold Line Foothill Extension Construction Authority

406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Change Management Log

Date: 4/18/2013

Project: C1150 Parking - Webcor Contract #: C1150

Original Contract Amount:	$48,750,000				
Approved Change Orders:	$0	0.00%	Pending Change Orders:	$0	0.00%
Current Contract Total:	$48,750,000		Pending Contract Total:	$48,750,000	0.00%

Open PCOs

PCO Number	Title
OPEN	
001.00	Monrovia Parking Alternative Layout
002.00	Relocate Elevator @ Azusa-Citrus PF

Azusa to Montclair Segment

ACTIVITIES COMPLETED THIS PERIOD

Authority Board certified the EIR for the Azusa to Montclair segment on March 6, 2013. Following certification, staff filed the Notice of Determination (NOD) with both counties (Los Angeles and San Bernardino). This filing started a 30-day statute of limitations to court challenges to the approval of the project. The City of Pomona has filed a challenge.

KEY FUTURE ACTIVITIES

Authority staff will work with legal counsel to review the challenge and provide the necessary defense.

Federal Transit Administration (FTA)

The Metro Board of Directors excluded the Gold Line from seeking federal New Starts funding. The Authority will work together with Metro along with the Congressional delegation to seek funding to construct the extension following completion of the environmental review.

Ontario Airport Segment

Authority staff continues the negotiation process with KOA Corporation for the Ontario Airport segment alternatives analysis study which will likely begin later this year.

ACTIVITIES COMPLETED THIS PERIOD

Staff continued to pursue the needed funding to conduct the Alternatives Analysis for the Ontario Airport Segment. The San Bernardino Associated Governments (SANBAG) and the Authority are in discussions to develop a funding agreement for a portion of the initial Alternatives Analysis study.

KEY FUTURE ACTIVITIES

Authority staff will work to obtain funding for this Segment and complete negotiations with KOA.

PHASE II FOOTHILL EXTENSION FINANCIAL STATUS
Project Operating Budget Summary in Millions of Dollars
March 31, 2013

	(a)	(b)	(c=a-b)	(d)
FINANCIAL PLAN	**Current Budget**	**Funding Committed to Project**	**Uncommitted Funds**	**Revenues Received**
SCAG	1.0	0.9	0.1	0.9
Interest Income	2.0	2.0	-	2.0
Bridge Replacement	13.9	13.9	-	13.9
Phase I Carryover	4.0	4.0	-	4.0
Maintenance and Operations Facility	-	-	-	-
Cities	11.0	-	11.0	-
Measure R - Pasadena to Azusa	741.0	741.0	-	208.8
Measure R - Azusa to Montclair	-	-	-	-
SANBAG	55.2	1.5	53.7	1.5
Federal TCSP	2.9	2.9	-	2.3
Federal Bus Intermodal Plan	9.0	9.0	-	2.3
Federal New Starts 2004 MTA Passthrough	4.0	4.0	-	4.0
Federal New Starts 2005 MTA Passthrough	0.5	0.5	-	0.5
Federal New Starts 2006 Corridor Study	2.5	2.5	-	2.2
Federal/Other	580.8	-	580.8	-
Total Revenues	1,427.8	782.2	645.6	242.4

	(a)	(b)	(c)	(d=a-b)
	Current Budget	**Current Obligation**	**Current Expenditures**	**Current Available Balance**
EXPENSES				
Program Management and Administration	101.9	55.0	52.7	46.9
Master Cooperative Agreements	12.0	2.8	2.3	9.2
Real Estate including ROW Acq	21.0	11.9	11.9	9.1
Special Programs	0.3	-	-	0.3
Procurement/Vehicles	60.0	-	-	60.0
Maintenance and Operations Facility Land	22.0	22.0	22.0	-
Construction - IFS	19.6	19.8	19.2	(0.2)
Construction - Pasadena to Azusa segment	330.7	314.8	95.5	15.9
Construction - Azusa to Montclair segment	664.8	-	-	664.8
Construction - M&O	46.0	44.0	9.2	2.0
Construction - Parking Structures	32.5	-	-	32.5
MTA Project Costs	64.0	16.0	13.2	48.0
Contingency	27.4	-	-	27.4
Project Reserve	25.6	-	-	25.6
Total Project	1,427.8	486.3	226.0	941.5