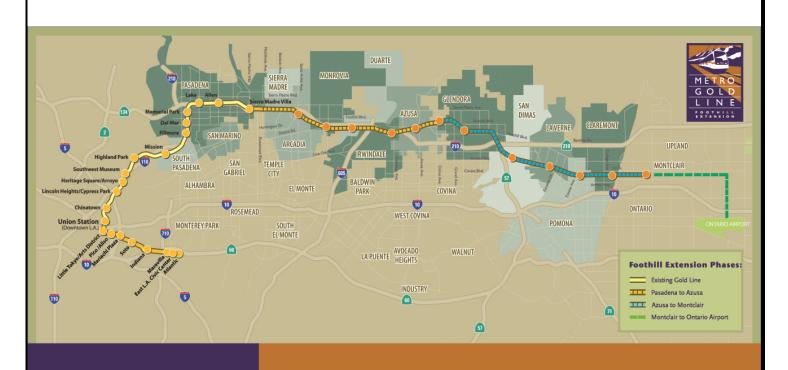
# Metro Gold Line Foothill Extension Project

## Monthly Project Status Report

May 2013



Metro Gold Line

Connecting Los Angeles, the San Gabriel Valley and Inland Empire

Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



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#### 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 \$1.7 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

Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



### 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.		

## METRO GOLD LINE FOOTHILL

Monthly Foothill Extension Project Status Report

**EXTENSION CONSTRUCTION AUTHORITY** Period Ending – May 31, 2013



#### 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 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 March:

- Current SBE commitment: \$62,247,725
- SBE percent committed versus value of Project: 12.81%
- Overall Authority Project SBE goal: 16%

FTC reports the following approximate safety statistics to date:

- 187,000 total work hours performed by FTC, Mass Electric, and Subcontractors
- 0 recordable injuries reported

All (82 of 82) AFC packages completed for C1135 project

Gold Line Bridge Contractor, Skanska, submitted As-Built drawings for review and approval to Caltrans

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

Continued installation of DBCS at the Gold Line Operations Campus

Continued barrier rail replacement in Segment 1

Continued bridge work at Citrus, Palm, Foothill, Colorado, San Gabriel River Bridge, Santa Anita Wash, Alta Vista Wash, and Saw Pit Wash, and began bridge construction at Santa Anita Avenue.

Opened Colorado Bridge ahead of schedule

Continued work at Duarte and Monrovia Stations and began work at Arcadia Station

Continued construction of grade crossings at California, Dalton, and Azusa

Continued to hold design and coordination meetings with DB3 contractor, Webcor Builders, for the Intermodal Parking Facilities and Enhancements Contract 1150

Held 60% over-the-shoulder design workshop for Parking Facilities

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Period Ending - May 31, 2013



#### KEY FUTURE ACTIVITIES

Continue discussions with corridor cities regarding the project

Continue management of the Alignment contract, which will include oversight of construction activities and preparation for start-up activities

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 installation and foundation work of new buildings at the Gold Line Operations Campus (GLOC)

Complete construction of the bridges at Citrus, Palm, Foothill San Gabriel River, Alta Vista Wash, Santa Anita Wash, Saw Pit Wash, and Santa Anita Avenue

Complete construction of the Duarte, Monrovia, and Arcadia Station,

Finish work at Dalton, Azusa, Buena Vista, and California grade crossings

Finalize the following property acquisitions:

#### Arcadia:

- 1. Parcel 1305 (108 E. Santa Clara Ave) Offer accepted, PSA out for signature
- 2. Parcel 1306 1(24 N. First Ave) Appraisal underway
- 3. Parcel 1307 (125 N. First Ave) Motion filed for pre-judgment possession
- 4. Parcel 1308 (223 N. First Ave) Appraisal underway
- 5. Parcel 1309 (214 N. First Ave) Notice of Decision to Appraise
- 6. Parcel 6006 (333 N. Santa Anita Ave) Ready to record
- 7. Parcel 6008 (157 E. Huntington Dr) Ready to record
- 8. Parcel 6034 (125 E. Wheeler Ave) Motion filed for pre-judgment possession
- 9. Parcel 6038 (408 S. Santa Anita Ave) Negotiating
- 10. Parcel 6039 (325 N. Santa Anita Ave) Offer accepted, PSA out for signature
- 11. Parcel 6040 (310 N. Santa Anita Ave) Offer accepted, PSA out for signature
- 12. Parcel 6043 (400 N. Santa Anita Ave) Negotiating

#### Monrovia:

- 1. Parcel 1702 (1527 S. Mayflower Ave.) Negotiating
- 2. Parcel 1802/6035/6030 (1522 S. Mayflower Ave) Appraisal underway
- 3. Parcel 1805/6035/6030 (1602 S. Mayflower Ave) Appraisal underway

### Monthly Foothill Extension Project Status Report

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- 4. Parcel 6045 (1703 S. Magnolia Ave.) Offer accepted, PSA out for signature
- 5. Parcel 1906 (145 W. Duarte R.) Agreement. Possession 6/28/13
- 6. Parcel 21A23 (Shamrock Ave.) Seeking quitclaim deed from Home Depot
- 7. Parcel 2101 (1713 S. California Avenue) Negotiating
- 8. Parcel 2102/6047 (200 E. Duarte Rd.) Agreement. Seller reviewing Purchase & Sale Agreement
- 9. Parcel 2201 (1711 Mountain Ave.) Revise Just Compensation 5/22
- 10. Parcel 2205 (Home Depot) Negotiating
- 11. Parcel 6020 (1406 Radford St.) In escrow
- 12. Parcel 6026 (1721 S. Magnolia Ave.) Agreement. Signing papers out for signature
- 13. Parcel 6044 (S&F Huntington) Agreement. Preparing purchase contract

#### Duarte:

- 1. Parcel 2202 (904 Hamilton Rd.) Motion filed for pre-judgment possession
- Parcel 2602 (Duarte Station Parking 1700 Business Center Drive) Motion filed for prejudgment possession
- 3. Parcel 6031 (1716 Evergreen St.) Agreement. PSA out for signature
- 4. Parcel 6041/6042 (1500 Duarte Rd) Offer to purchase expires 6/29/13

#### Azusa:

- Parcel 3902 (736 N. Angelo Avenue) In Escrow
- 2. Parcel 3903 740 N. Angeleno Av Offer accepted
- 3. Parcel 6032 819 W. 6<sup>th</sup> St Appraisal underway
- 4. Parcel 6033 809 E. Santa Fe Notice of Decision to Appraise

#### METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



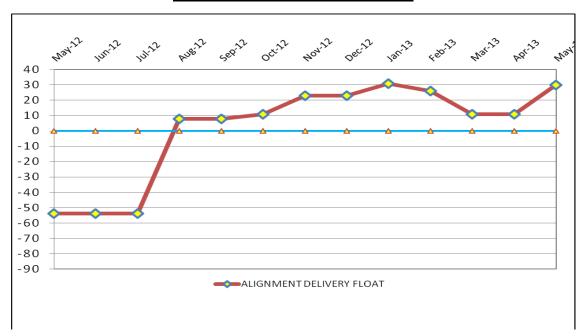
#### **CRITICAL PATH SCHEDULE** Start Finish Activity Name Float 02 | 03 | 04 | 01 | 02 | 03 | 04 | 01 | 02 | 03 | 04 | 01 | 02 | 03 | 04 | 01 | 02 | 03 REVENUE OPERATIONS DATE - CRITICAL PATH RFP - LRV PROCUREMENT 375 557 18.Oct.10 26.Apr.12 08:00 A 15:00 A LRV FABRICATION / DELIVER 15 VEHCILES 1353 | 1079 | 274 | 17. Aug. 12 | 30. Apr. 16 0 07:00 A 15:00 METRO - Pre-Revenue Operations - Phase 0 01.May.16 29.Jun.16 07:00 15:00 METRO - Project Schedule Contingency (10 154 154 0 30.Jun.16 30.Nov.16 0 07:00 15:00 Mo.) Phase 2A - Revenue Operations Date (ROD) 30.Nov.16 0 0 15:00\* ALIGNMENT DELIVERY DATE - CRITICAL PATH 56 01.Mar.13 06.Dec.13 FOOTHILL BRIDGE (FRT) - CONSTRUCTION 155 145 07:00 A 15:00 TRACK INSTALLATION - SEGMENT 4 (FRT) 152 | 53 | 06.Mar.13 | 20.Dec.13 220 21 07:00 A 15:00 TRACK INSTALLATION - SEGMENT 3 90 0 28.Oct.13 28.Feb.14 21 90 07:0015:00 TRACK INSTALLATION - SEGMENT 2 65 65 0 31.Jan.14 01.May.14 07:00 15:00 0 28.Mar.14 10.Jul.14 TRACK INSTALLATION - SEGMENT 1 75 75 07:00 15:00 OCS - INSTALLATION - SEGMENT 4 0 11.Jul.14 05.Feb.15 150 150 07:00 15:00 OCS - TESTING - SEGMENT 4 50 50 0 06.Feb.15 16.Apr.15 07:00 15:00 120 0 17.Apr.15 01.Oct.15 SYSTEMS INTERGRATION TESTING 120 07:00 15:00 C1135 - >>>SUBSTANTIAL COMPLETION - 1420 0 0 01.0ct.15 30 15:00\* CD<<<

Monthly Foothill Extension Project Status Report

Period Ending - May 31, 2013



#### 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 - (30 Calendar Days / 21 Work Days)

This period FTC has mitigated additional time from the potential Foothill Bridge shop drawing schedule delay by re-sequencing the freight track installation. In March 2013, 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 19 days this period. The Alignment Delivery Date is currently 30 days ahead of the October 31, 2015 deadline.

Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



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

Contract No.: C1134 Contractor: Skanska

### **Progress Completed This Period:**

Caltrans provided comments the Authority comments for the As-Built drawings. The Contractor will incorporate the comments and will re-submit the As-Built drawings.

#### **Areas of Concern:**

No concerns

#### Schedule Assessment:

The critical path to Final Acceptance is through the re-submittal of the As-Built drawings. Upon the acceptance of the submittal from Caltrans, the Authority will issue Final Acceptance.

#### **Cost Assessment:**

The current Contract cost forecast is unchanged from from last period. The forecast is at 19.80 million and within the authorized budget.

Million(s)

#### **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: 1,016 Calendar Days

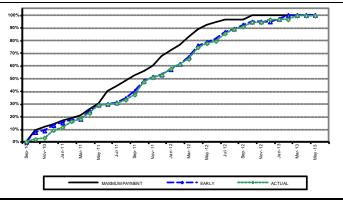
Cost Summary:	
CONTRACT	_

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	19.23

#### **AUTHORIZATION FOR EXPENDITURE**

Budget	19.80
Commitment	19.80
Balance	0.00

		Original	Current		
<mark>M ilesto nes</mark>	Description	Contract	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	06/11/13	(98)



#### Metro Gold Line Foothill Extension Construction Authority



406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Date: 6/20/2013 Page: 1 of 1

### **Change Management Log**

### 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%

Chan	Change Orders						
Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e 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	00.800	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

Monthly Foothill Extension Project Status Report

Period Ending - May 31, 2013



Description: Alignment Design / Build Status: May 15, 2013

10.4

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

#### **Cost Summary:** Million(s) CONTRACT 485.9 Contract Award Value: **Executed Change Orders:** 5.9 **Current Contract Value:** 491 R Potential Change Orders: 1.4 Current Forecast: 493 2 Earned Value/Actual Cost 147.3 **AUTHORIZTION FOR EXPENDITURE Budget** 507.6 Commitment 503.6

#### Cost Assessment

This period the Contract forecast increased \$0.1 Million. The potential additional costs are due to RFC-013 12" Pasadena Waterline, CO-034 M&O Backup Power/ Generator Changes, CO-029 Remove Contaminated Wood Culvert and PCO 034 - Delete Spring Frogs at Yard Leads. Costs were offset by decreases due to RFC 008 - 8" Sanitary Sewer Line Alameda, PCO-012 SCE Relocation Duarted Rd.

The Design-Build Contractor has earned 147.3 Million and is currently 30.7% complete. The progress is currently 17.1% behind the early planned curve, which is due to fabrication and delivery progress for materials such as Special Track Work, M&O Equipment, Bridge Rebar and Bridge Girders.

### 

#### Schedule Summary: Contract Award:

Balance

Interim Notice to Proceed (NTP): 11/03/11

Original Contract Duration: 1,780 Calendar Days

Current Contract Duration: 1,780 Calendar Days

07/27/11

Contract Milestones						
		Original	Current			
Milestones	Description	Contract	Contract	Forecast	Variance	
1	Substantial Completion	09/23/15	09/23/15	10/01/15	(8)	
2	Punchlist Complete	06/19/16	06/19/16	06/27/16	(8)	
3	Final Completion	09/17/16	09/17/16	09/25/16	(8)	
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	04/06/15	(10)	
6	Colorado Br. Demo Complete	02/01/12	02/01/12	6/15/2012 A	(135)	
		•		•		

#### Schedule Assessment

Elapsed Time from NTP:

The Foothill Freight Bridge continues to be on the critical path due to steel girder shop drawing review and approval delays. The shop drawing impact has potentially delayed the steel bridge girder fabrication and the completion of the Foothill Freight Bridge superstructure. The Design-Build Contractor will re-sequence freight track installation to minimize the potential access restriction for track work installation between Foothill Bridge to the I-210 Bridge. The critical path continues through the completion of final section of the freight track re-alignment. Following the completion of the freight track re-alignment, the path continues through the LRT track installation, Segment 4 OCS installation and testing, and systems integration testing.

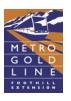
The Substantial Completion Milestone is eight (8) days behind schedule and is forecast to be complete on October 1, 2015. The Test Track Completion is forecast to be available on April 6, 2015.

- — Early

Calendar Days

## Monthly Foothill Extension Project Status Report

Period Ending - May 31, 2013



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

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

#### **Progress Completed This Period**

- Submit AFC Design Traction Power System Mainline
- · Submit AFC Design Walls Segment 3 Package 1
- Submit AFC Design Walls Segment 3 Package 2
- Submit AFC Design Grading & Drainage Segment 3 Pkg 5
- Submit AFC Design Grading & Drainage Segment 3 Pkg 4
- Submit AFC Design Grading & Drainage Segment 3 Pkg 2
- Submit AFC Design Train Control M&O
- Submit 100% Design Train Control Book of Plans (Zone 2)
- Submit 100% Design Train Control Book of Plans (Zone 5)
- Submit 100% Design Train Control Book of Plans (Zone 9)
- Submit 100% Design Train Control Book of Plans (Zone 10)

#### **Activities Planned Next Period**

- Submit AFC Design Walls Segment 2
- Submit AFC Design Grading & Drainage Segment 2 Pkg 1
- Submit 100% Design Train Control Book of Plans (Zone 1)
- Submit 100% Design Train Control Book of Plans (Zone 8)
- Submit 85% Design Train Control Book of Plans (Zone M&O)

#### Areas of Concern

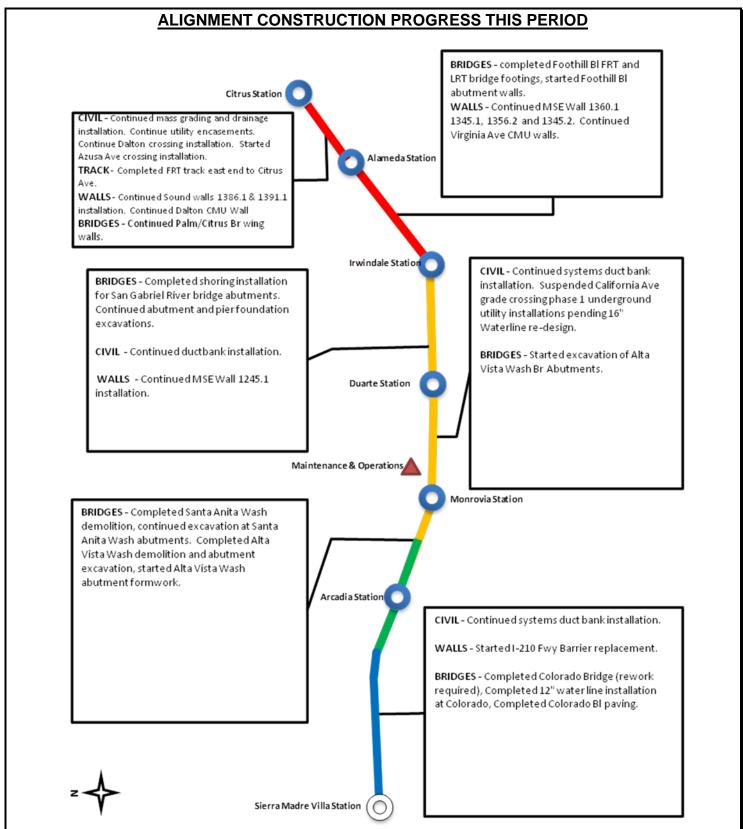
- 1st/Santa Clara Grade Crossing Permit. The Authority submitted the revised GO-88b grade crossing application to CPUC in February 2013. The Authority received approval from the CPUC in April 2013. The permit approval was received on time and did not impact the project schedule.
- Crossing Planning & Communication. The Design-Build Contractor needs an improved approach to planning grade crossing activities. Since last period, the Authority has witnessed an improvement. The Design-Build Contractor is providing specific work plans and holding pre-activity meetings prior to the start of construction installations to verify crossing work is ready to begin.

#### Areas of Concern (Continued)

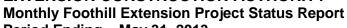
- Segment 3 Grade Crossing Property Acquisitions. The Design-Build Contractor has been late delivering parcel legal descriptions in a timely manner. There is a potential schedule impact to the Segment 3 grade crossing construction and schedule if the parcel legal descriptions are not approved. The Authority will attempt to mitigate potential delays by obtaining Right-of-Entry from property owners prior completing negotiations.
- Grade Crossing Schedule. The Grade crossing durations and schedules are slipping due to productivity. The Authority is working with the Design-Build Contractor to plan grade crossing activities and complete the work within the constraints established by Cities. The Design-Build Contractor has completed a re-evaluation of the grade crossing sequence and will begin implementation into the CPM schedule next period.

Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013

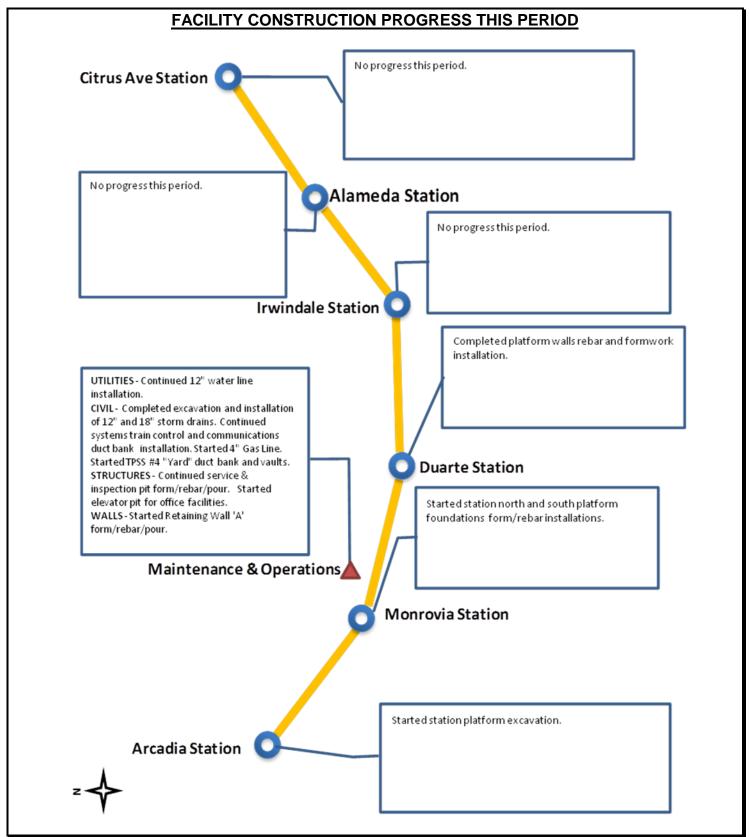


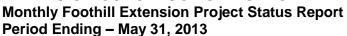


## **METRO GOLD LINE FOOTHILL**

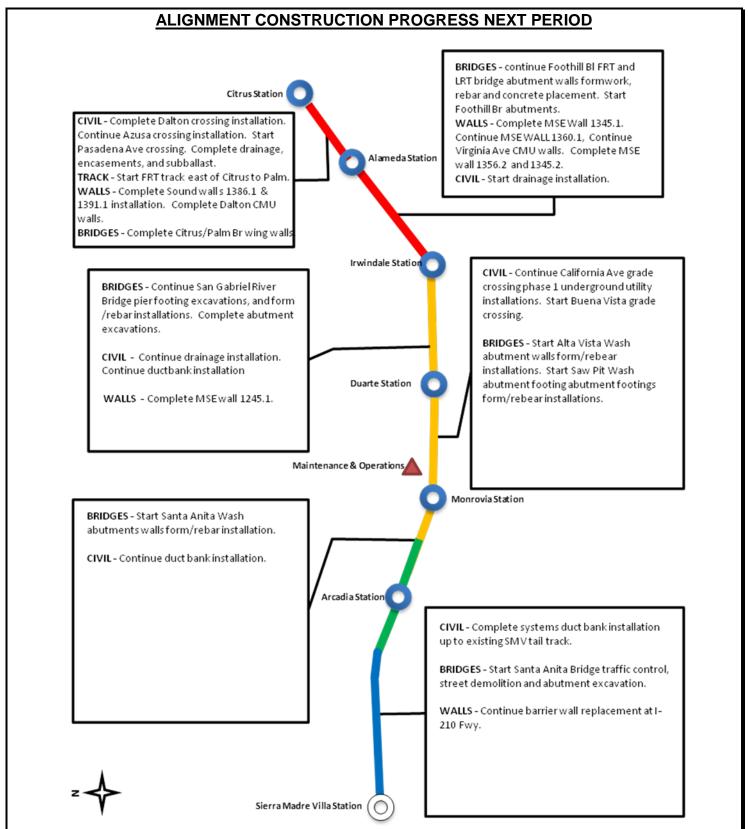




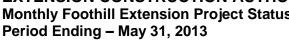




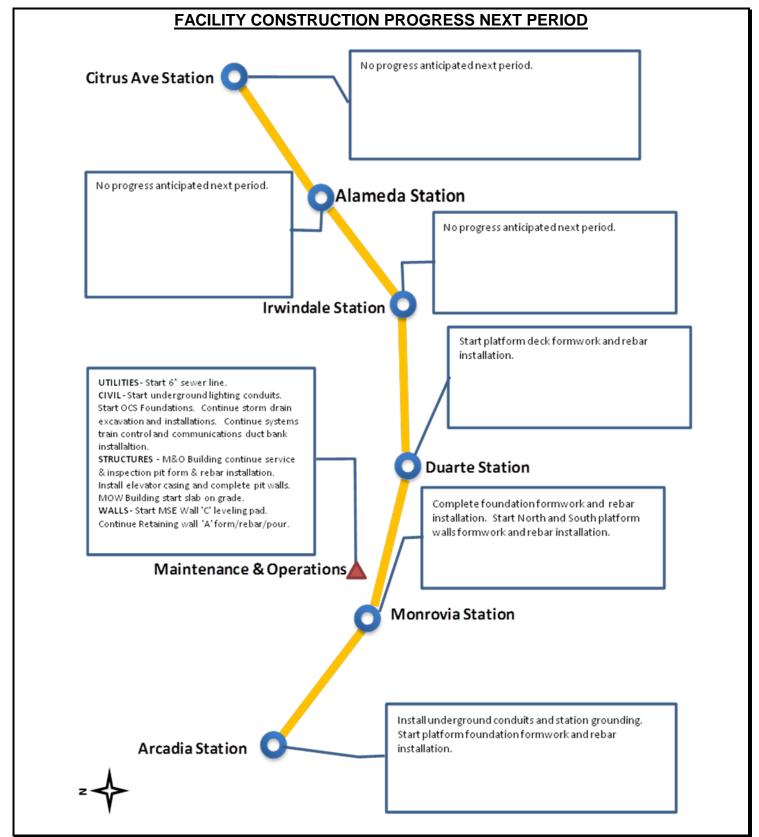




**Monthly Foothill Extension Project Status Report** 







Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



### **Alignment Construction Images**

Azusa Grade Crossing





Foothill Bridge

San Gabriel River Bridge



#### Metro Gold Line Foothill Extension Construction Authority



406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Date: 6/20/2013 Page: 1 of 2

### **Change Management Log**

### Project: C1135 Alignment - FTC Contract #: C1135

Original Contract Amount: \$485,867,000

 Approved Change Orders:
 \$5,779,816
 1.19%
 Pending Change Orders:
 \$0
 0.00%

Current Contract Total: \$491,646,816

Pending Contract Total: \$491,646,816 1.19%

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e Orders					
001.00	000.00	Interim NTP	11/3/2011	11/3/2011	0		\$
02.00	013.00	Colorado Bridge Haz Mat	5/17/2012	5/18/2012	1		\$121,38
02.01	013.01	Colorado Bridge HazMat - Final	9/5/2012	9/7/2012	2		\$13,16
003.00	001.00	Sound Wall Deletion - Duarte Road	7/12/2012	7/18/2012	6		(\$74,707
04.00	018.00	Revise Block Design - CBD Calc	8/23/2012	8/29/2012	6		\$3,98
05.00	023.00	Wayside Signal Aspect Revision	9/6/2012	9/7/2012	1		\$26,07
06.00	040.00	Arcadia Frieze, Bench-Artist Design	9/6/2012	9/10/2012	4		\$13,68
06.01	040.01	Arcadia Frieze, Bench-Construction	3/7/2013	3/12/2013	5		\$155,89
07.00	019.02	Soils Testing Abutments & Fdns	9/14/2012	9/18/2012	4		\$44,99
00.800	041.00	Unknown Utilities RFCN 005 006 008	9/14/2012	9/18/2012	4		\$132,45
009.00	038.00	Illuminate City Names @ Stations	9/18/2012	9/24/2012	6		\$184,65
10.00	046.00	SGRB - Lead Based Paint Remediation	9/21/2012	9/24/2012	3		\$244,53
11.00	004.00	Station Architectural Changes	10/11/2012	10/12/2012	1		\$443,95
12.00	003.01	Systems and Testing for Added TPSS	12/13/2012	12/14/2012	1		\$1,443,19
13.00	005.02	IDIQ Comm Contract (Rev 2)	12/14/2012	1/22/2013	39		\$698,25
14.00	060.00	Sewer Encasement Changes in Azusa	12/18/2012	1/24/2013	37		\$141,35
15.00	037.02	M&O - Materials Storage Revisions	12/26/2012	1/15/2013	20		\$62,86
16.00	002.00	Relocation of Access Road to 3M Fac	12/26/2012	1/16/2013	21		\$53,81
17.00	025.00	3 Electrical Casings for ALW	2/27/2013	3/1/2013	2		\$219,03
18.00	073.00	Hazardous Abatement at Bridges	1/15/2013	2/6/2013	22		\$1,081,80
19.00	054.00	City of Hope Conduits	1/11/2013	1/22/2013	11		\$34,31
20.00	059.00	Citrus TPSS Transformer Pad Changes	2/6/2013	2/7/2013	1		\$34,53
21.00	075.00	Demo & Replace Palm Dr. Roadway	2/7/2013	2/14/2013	7		\$90,36
22.00	077.00	M&O Differing Site Conditions; Pt 1	2/13/2013	2/15/2013	2		\$66,36
22.00	093.00	M and O DSC T and M Work Part 2	3/8/2013	3/12/2013	4		\$66,62
22.02	103.00	M and O DSC Part 3	3/27/2013	3/28/2013	1		
22.02	115.00	DSC at M and O Part 4	5/3/2013	5/7/2013	4		\$35,21
23.00	089.00	Contaminated Soil Abatement	2/26/2013	2/27/2013	1		\$5,70
24.00							\$422,06
25.00	068.00	Monrovia Sound Wall Panel Change	2/26/2013	2/28/2013	2		(\$24,150
	052.00	Santa Anita Trail Detour	3/8/2013	3/12/2013	4		\$27,69
26.00	070.00	Block Type Change at M&O Building	3/26/2013	3/26/2013	0		\$35,01
27.00	065.00	M&O IT Changes-Duct Banks/Conduits	3/26/2013	3/26/2013	0		\$88,65
28.00	039.01	Delete Layover Building	4/11/2013	4/12/2013	1		(\$313,832
29.00	095.00	8in Sanitary Sewer Line- Alameda Av	4/23/2013	4/25/2013	2		\$226,08
30.00	102.00	M&O-Disconnect Switches, Insulators	4/23/2013	4/25/2013	2		\$67,81
31.00	110.00	Rmv Abandoned Utility Line @ Dalton	4/23/2013	4/25/2013	2		\$1,56
32.00	104.00	Highland Ave Abandoned CMP sleeves	5/1/2013	5/3/2013	2		\$15,00
33.00	114.00	Remove contaminated wood culvert	5/3/2013	5/7/2013	4		\$4,71
34.00	128.00	M&O Backup Power/Generator Changes	5/13/2013	5/21/2013	8		\$121,34
35.00	083.00	M&O Vehicle Sanding System Changes	5/21/2013	5/24/2013	3		\$27,46
36.00	006.00	IFS Related Contract Changes	6/7/2013	6/11/2013	4	_	(\$263,111
						Subtotal:	\$5,779,81
						Subtotal:	\$5,779,81
						Total·	\$5,779.81

Total: \$5,779,816

### Metro Gold Line Foothill Extension Construction Authority



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Monrovia, CA 91016

Date: 6/20/2013 Page: 2 of 2

### **Change Management Log**

### Project: C1135 Alignment - FTC Contract #: C1135

Open PCOs		
PCO Number	Title	
OPEN		
007.01	Emer. Backup for Guideway Lighting	
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	
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	
035.00	CTS Mainline Definition Redesign	
036.00	Segment 4 Safety Manager	
037.00	BLS Changes	
038.00	M&O - S&I Platform Betterments	
039.00	Irwindale TPSS Relocation	
040.00	St. Joseph Drainage Enhancements	
041.00	Home Depot/Labor Ready Access	
042.00	DECCO Bypass	
043.00	St. Joseph TPSS Wall	
044.00	Lights at M&O NW Corner Park	

RFC Number	Title
DPEN	
013.00	12" Pasadena Waterline
025.00	Demo 6-in 8-in Wtr Lines Dalton
033.00	3M Drainage Modifications

### **Open RFC Notices**

Number	Title
011	TPSS 05 Property Acquisition
020	20-in Vosburg Water Line Betterment
022.00	M and O Signaling and Train Control
022.01	M and O Signaling and Train Control
023	Relocate 6-in Water Line at Foothil
032.00	DSC Hazardous Material Segment 1 St
034.00	Rmvl Contaminated Wood Matl Sta1202
035.00	NCL Costs for PSA Artwork Elements
037	DSC at Santa Anita Wash Abutment 1
038	Potential Haz Matl at Mountain Ave
039	FLSSC Staircase Relo Virginia TPSS
040	RR 8-in Water Line at Dalton Ave
041	M and O Facility Fire Flow Rate
043.00	DSC Storm Drain and Headwall Utilit
044.00	DSC Utility at Azusa Avenue
045.00	DSC Haz Matl ACM at Station 1202+00

**Monthly Foothill Extension Project Status Report** 

Period Ending - May 31, 2013



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

(0.2)

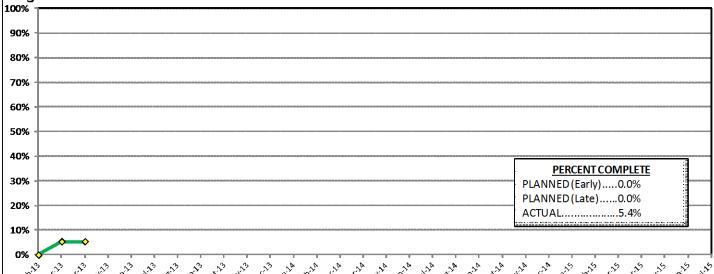
Contract No.: C1150 Contractor: Webcor Builders

#### **Cost Summary:** Million(s) **CONTRACT** Contract Award Value: 48 8 **Executed Change Orders:** 0.0Current Contract Value: 48.8 Potential Change Orders: 0.2 Current Forecast: 49.0 Earned Value/Actual Cost 25 AUTHORIZTION FOR EXPENDITURE 50.3 Budget Commitment 48 R

#### Cost Assessment:

The current cost forecast is 49.0 Million. The potential cost increase is due to PCO 003 - Clock Tower Procurement, PCO 002 - Relocate Elevator at Azusa-Citrus, and PCO 001 - Monrovia Parking Altrenative Layout. The forecast is within the authorized budget.

#### Balance **Progress Curve**



Early

#### 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: 56 Calendar Days

		Original	Current		
M ilestones	Description	Contract	Contract	Forecast	Variance
1	Substantial Completion	03/15/15	03/15/15	03/14/15	1
2	Punchlist Complete	05/29/15	05/29/15	05/28/15	1
3	Final Completion	07/13/15	07/13/15	07/12/15	1

M ilestones	Description	Contract	Contract	Forecast	Variance
1	Substantial Completion	03/15/15	03/15/15	03/14/15	1
2	Punchlist Complete	05/29/15	05/29/15	05/28/15	1
3	Final Completion	07/13/15	07/13/15	07/12/15	1
4	TPSS Work	03/01/14	03/01/14	02/28/14	1

#### Schedule Assessment:

The Design-Build Contractor held the Irwindale Parking Facility design work shop and intiated the start of the design for the critical facility. The critical path will continue through the Irwindale Ave street improvements and then continue through the site retaining wall installations. Upon completion of the retaining walls, the site grading and parking structure will begin. The 60% Irwindale Design is expected by July 2013. The baseline schedule will be re-submitted for review and approval next period. Upon approval, the critical path and planned progress curves will

**Contract Milestones** 

be established and later used to analyze the Design-Build Contractor's progress.

Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



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

Contract No.: C1150 Contractor: Webcor Builders

#### **Progress Completed This Period**

- Baseline Schedule. The Design-Build Contractor submitted the baseline schedule for review and approval. The Authority returned the schedule submittal rejected and the Design-Build Contractor will re-submit the schedule.
- Third Party Coordination Plan. The Design-Build Contractor the third party coordination plan for review and approval. The Authority returned the schedule submittal rejected and the Design-Build Contractor will re-submit the plan.

#### **Activities Planned Next Period**

- · Re-Submit Baseline Schedule
- · Re-Submit Third Party Coordination Plan
- Submit QA/QC Plan Part 1
- Arcadia Site Prep Design 60%
- Arcadia Enhancement Design 60%
- Arcadia Parking Structure Design 60%
- Azusa-Citrus Site Prep Design 60%
- Azusa-Citrus Enhancement Design 60%
- Azusa-Citrus Parking Structure Design 60%
- Monrovia Site Prep Design 60%
- Monrovia Enhancement Design 60%
- Monrovia Parking Structure Design 60%

#### **Areas of Concern**

•

#### Areas of Concern (Continued)

•

#### Metro Gold Line Foothill Extension Construction Authority



005.00

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Date: 6/20/2013 Page: 1 of 1

### **Change Management Log**

### 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 at Azusa-Citrus			
003.00	Clock Tower Procurement			
004.00	TPSS Grounding Grid Modifications			

Irwindale TPSS Alternative Layout

Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



### **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. Authority staff is working with legal counsel to review this challenge and prepare a response accordingly.

#### **KEY FUTURE ACTIVITIES**

Authority staff continues 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.

**Monthly Foothill Extension Project Status Report** 

Period Ending – May 31, 2013



### **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.

Monthly Foothill Extension Project Status Report Period Ending – May 31, 2013



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

	(a)	(b)	(c=a-b)	( d )
		Funding		
		Committed to	Uncommitted	Revenues
FINANCIAL PLAN	Current Budget	Project	Funds	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	810.5	741.0	69.5	225.0
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	802.5	-	802.5	-
Total Revenues	1,719.0	782.2	936.8	258.6
	·			
	(a)	(b)	(c)	(d=a-b)
	Current	Current	Current	Current
	Budget	Obligation	Expenditures	Available Balance
EXPENSES		-	-	
Program Management and Administration	107.9	55.0	54.0	52.9
Master Cooperative Agreements	12.0	2.8	2.3	9.2
Real Estate including ROW Acq	21.0	12.1	12.1	8.9
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	19.8	19.8	19.2	-
Construction - Pasadena to Azusa segment	328.9	314.8	107.2	14.1
Construction - Azusa to Montclair segment	950.0	-	-	950.0
Construction - M&O	46.0	44.0	10.0	2.0
Construction - Mac		44.2	2.7	-
Construction - Parking Structures	44.2			
	44.2 64.0	64.0	14.3	-
Construction - Parking Structures MTA Project Costs		64.0	14.3	- 27.4
Construction - Parking Structures	64.0	64.0	14.3	
Construction - Parking Structures MTA Project Costs Contingency	64.0 27.4	-	-	- 27.4 15.5 1,140.3