
Metro Gold Line

Foothill Extension Project

Monthly Project Status Report

November 2015





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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 possibly to Ontario Airport.

The Metro Gold Line Phase 2 (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 \$1.950 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 2016. The second segment would include an extension from Azusa to the City of Montclair with revenue service projected for the year 2023.

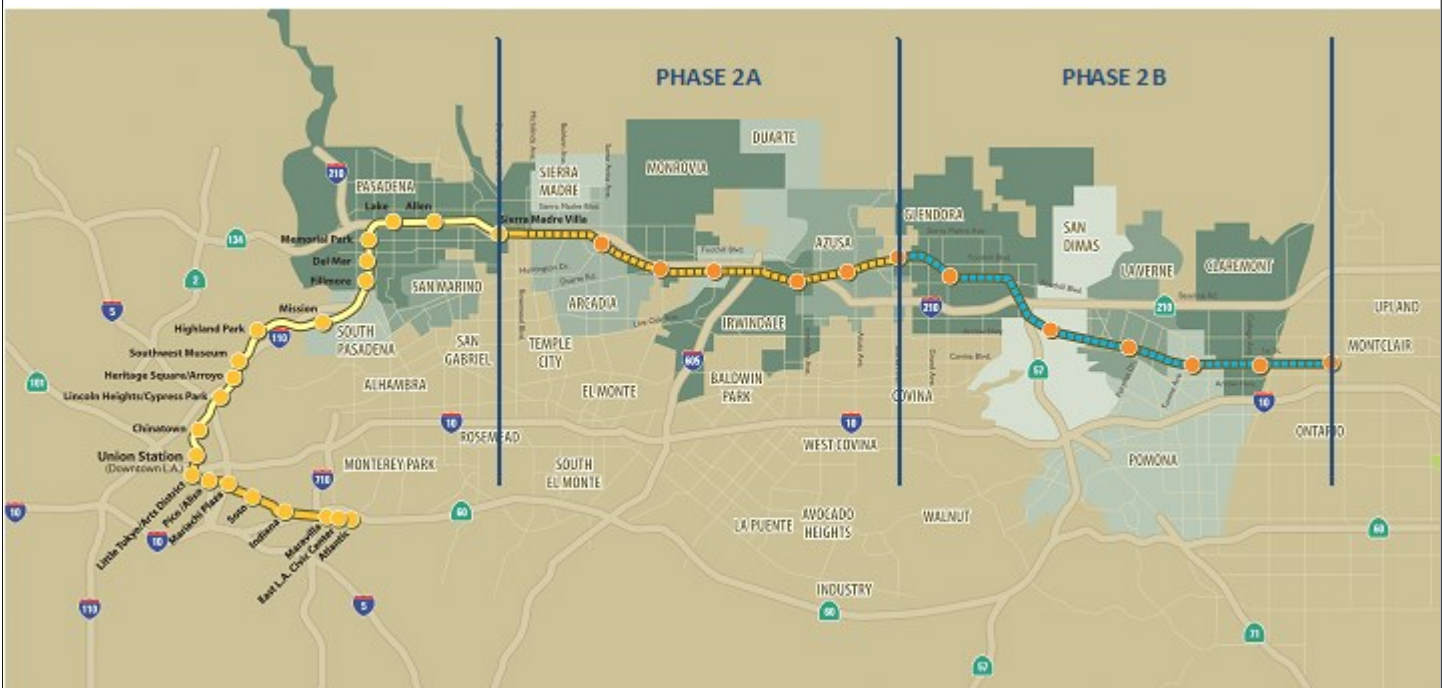


Figure 1: Metro Gold Line Foothill Extension Alignment



Pasadena to Azusa Segment

MANAGEMENT ISSUES

None at this time.



KEY ACTIVITIES COMPLETED THIS PERIOD

Continued addressing Punch List items in order to obtain Certificate of Occupancy

Continued addressing Punch List items to complete Safety Certification

Continued closing out all Punch List items (Authority, Metro, third parties)

Authority staff continued working with Metro to transfer spare parts and materials

Authority staff continues to monitor construction of Azusa-Alameda parking facility by Foothill Transit. Structure is expected to be complete in January 2016

Authority staff continues to monitor construction of south portion of Citrus Avenue in Azusa by Rosedale Land Partners



KEY FUTURE ACTIVITIES

Continue discussions with corridor cities regarding the project

Continue management of the Alignment contract, which will include oversight of Punch List, Final Acceptance and start-up activities

Continue to meet with Intermodal Parking Facilities and Enhancements Project contractor, Webcor Builders regarding punch list and Final Acceptance

Receive final mitigation monitoring program reports from FTC and Webcor

Achieve Revenue Operations Date (ROD)

Complete Systems Performance Demonstration tests after ROD

Finalize the following property acquisitions:

- Arcadia:

1. Parcel 1310/1311 (Indiana St.) – To be vacated by the City of Arcadia.
2. Parcel 1401a (Huntington Dr. Aerial Easement) – To be conveyed by the City of Arcadia.
3. Parcel 1401b (Huntington Dr. Bridge Abutments) – To be conveyed by the City of Arcadia.
4. Parcel 6009 (Huntington Dr. Bridge Abutments) – To be conveyed by the City of Arcadia.
5. Parcel 6010 (Huntington Dr. Bridge Abutments) – To be conveyed by the City of Arcadia.
6. Parcel 6011 (Huntington Dr. Bridge Abutments) – To be conveyed by the City of Arcadia.

- Monrovia:

1. Parcel 1601 (Encino Av.) – To be conveyed by the City of Monrovia.
2. Parcel 1903 (Monrovia Station) – To be conveyed by the City of Monrovia.
3. Parcel 21A12 (3M Parking Lot) – Land swap.
4. Parcel 21A21 (North Duarte Road vacated by City of Monrovia) – Held in Fee Title by the City of Monrovia. Needs to be conveyed to the Authority.
5. Parcel 21A22 (Shamrock Street vacated by City of Monrovia) - Held in Fee Title by 3M. Needs to be conveyed to the Authority.
6. Parcel 21A23 (Shamrock Trapezoid vacated by City of Monrovia) – Held in Fee Title by the City of Monrovia. Needs to be conveyed to the Authority.

Transfer all Phase 2A project property back to Metro



Description: Alignment Design / Build **Status:** November 15, 2015
Contract No.: C1135 **Contractor:** Foothill Transit Constructors (Kiewit-Parsons J.V.)

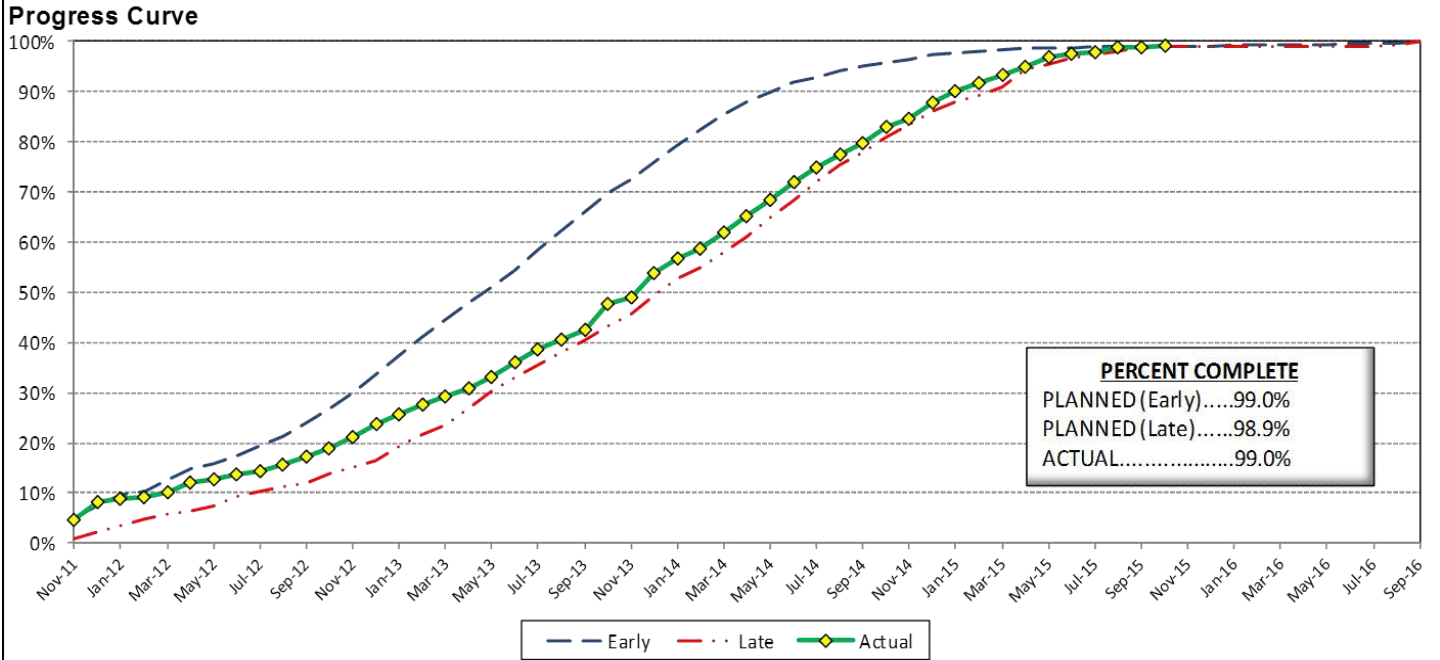
Cost Summary:

	Million(s)
CONTRACT	
Contract Award Value:	485.9
Executed Change Orders:	23.5
Current Contract Value:	509.3
Potential Change Orders:	4.1
Current Forecast:	513.5
Earned Value/Actual Cost	497.9
AUTHORIZATION FOR EXPENDITURE	
Budget	514.5
Commitment	509.3
Balance	1.1

Cost Assessment:

This period the Contract forecast increased \$316 thousand. The major increase was due to the following: CO 180 - Station Benches & Citrus Guardrail, PCO 104.01 - Purchase 'Look Both Ways' Signs, PCO 116 - ROW Gate Changes.

The current forecast is within the authorized budget.



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:	1,473 Calendar Days

Contract Milestones

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	09/23/15	09/23/15	9/23/2015 A	0
2	Punchlist Complete	06/19/16	06/19/16	06/19/16	0
3	Final Completion	09/17/16	09/17/16	09/17/16	0
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	3/27/2015 A	0
6	Colorado Br. Demo Complete	02/01/12	02/01/12	6/15/2012 A	(135)

Schedule Assessment:

The Design-Build Contractor achieved Substantial Completion on September 23, 2015. Although the completion of the punch list is the primary objective, there are several other construction elements which need to be completed prior to Revenue Operations. These construction elements include the Irwindale Avenue I-210 Eastbound On-Ramp, First Ave / Irwindale Ave Street Improvements, and the Union Pacific Tunnel Retrofit.



Change Management Log

Date: 12/2/2015

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Project: C1135 Alignment - FTC Contract #: C1135

Original Contract Amount:	\$485,867,000				
Approved Change Orders:	\$24,836,991	5.11%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$510,703,991		Pending Contract Total:	\$510,703,991	5.11%

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
004.01	018.01	Revise Block Design - CBD Calc - 2	9/5/2013	9/11/2013	6		\$0
005.00	023.00	Wayside Signal Aspect Revision	9/6/2012	9/7/2012	1		\$26,072
005.01	023.01	Wayside Signal "Call On" Function	10/30/2013	11/1/2013	2		\$75,169
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
015.01	037.03	M&O Storage Shelving Revisions	9/16/2013	9/19/2013	3		\$20,380
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
022.03	115.00	DSC at M and O Part 4	5/3/2013	5/7/2013	4		\$5,706
022.04	390.00	M&O DSC - Part 5	7/14/2015	7/21/2015	7		\$7,192
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
027.01	065.01	M&O IT Changes - Power to WAP	9/4/2013	9/6/2013	2		\$73,049
027.02	065.02	M&O IT Changes - Remaining Work	7/16/2014	7/17/2014	1		\$155,991
027.03	065.04	M&O IT Changes -Furniture Interface	6/18/2015	6/19/2015	1		\$293,896
027.04	065.05	M&O IT Changes-OFCI Eqpt and A/V	7/17/2015	7/21/2015	4		\$380,546
028.00	039.01	Delete Layover Building	4/11/2013	4/12/2013	1		(\$313,832)
029.00	095.00	8in Sanitary Sewer Line- Alameda Av	4/23/2013	4/25/2013	2		\$226,089
029.01	095.01	Alameda Sewer Line Revised Scope	11/22/2013	11/26/2013	4		(\$37,425)
030.00	102.00	M&O-Disconnect Switches, Insulators	4/23/2013	4/25/2013	2		\$67,817
031.00	110.00	Rmv Abandoned Utility Line @ Dalton	4/23/2013	4/25/2013	2		\$1,562



Change Management Log

Date: 12/2/2015

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Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
032.00	104.00	Highland Ave Abandoned CMP sleeves	5/1/2013	5/3/2013	2		\$15,005
033.00	114.00	Remove contaminated wood culvert	5/3/2013	5/7/2013	4		\$4,714
034.00	128.00	M&O Backup Power/Generator Changes	5/13/2013	5/21/2013	8		\$121,340
035.00	083.00	M&O Vehicle Sanding System Changes	5/21/2013	5/24/2013	3		\$27,463
036.00	006.00	IFS Related Contract Changes	6/7/2013	6/11/2013	4		(\$263,111)
037.00	137.00	CTS Redesign	7/12/2013	7/16/2013	4		\$58,214
038.00	138.00	Segment 4 Safety Manager	7/12/2013	7/16/2013	4		\$157,274
038.01	138.01	Segment 4 Safety manager - Part 2	11/19/2013	11/21/2013	2		\$72,963
038.02	138.02	Segment 4 Safety Manager - Part 3	4/3/2014	4/7/2014	4		\$82,271
039.00	085.00	M&O Drainage System Enhancements	7/19/2013	8/13/2013	25		\$251,579
040.00	067.00	Station Paver Changes	7/23/2013	8/13/2013	21		\$728,340
040.01	067.01	Rebar Changes for Station Pavers	10/28/2013	10/31/2013	3		\$10,586
041.00	112.00	12" Pasadena Waterline Potholes	8/12/2013	8/16/2013	4		\$19,735
042.00	150.00	Demo Abandoned Water Lines @ Dalton	8/12/2013	8/16/2013	4		\$5,937
043.00	007.01	Emer. Backup for Guideway Lighting	8/16/2013	10/1/2013	46		\$359,158
044.00	172.00	Contaminated Wood Culvert Sta. 1202	8/27/2013	8/28/2013	1		\$7,712
045.00	139.00	BLS Changes	8/28/2013	9/4/2013	7		\$110,801
046.00	165.00	Azusa-Alameda Station; 2nd Portal	8/28/2013	9/4/2013	7		\$77,175
047.00	145.00	St. Joseph drainage enhancements	9/4/2013	9/6/2013	2		\$17,592
048.00	149.00	M&O - Lights at NW Corner Park	9/4/2013	9/6/2013	2		\$29,351
049.00	174.00	TPSS #5 Cal-Am Power Conflict	9/4/2013	9/6/2013	2		\$127,260
050.00	171.00	Relocate Access Stair to Foothill	9/4/2013	9/6/2013	2		\$20,276
051.00	173.00	Dalton 8" Water Line Work	9/5/2013	9/12/2013	7		\$35,316
052.00	071.00	Duarte Rd Screen Wall Change	9/5/2013	9/17/2013	12		(\$133,864)
053.00	176.00	Remove Contaminatd Wood-Buena Vista	9/10/2013	9/12/2013	2		\$5,543
054.00	147.00	DECCO Bypass	9/10/2013	9/12/2013	2		\$18,519
055.00	166.00	Foothill Blvd. Water/SD Relocation	9/20/2013	9/20/2013	0		\$127,074
056.00	186.00	Contaminated Wood @ San Gabriel Ave	9/23/2013	9/24/2013	1		\$4,291
057.00	194.00	California/Duarte Water Line Work	10/28/2013	10/31/2013	3		\$220,743
058.00	189.00	Four Utility Changes	10/28/2013	10/31/2013	3		\$14,157
059.00	180.00	Remove/Dispose of ACM E of Highland	10/30/2013	11/1/2013	2		\$29,311
060.00	179.00	CTS Upgrade to OC-192	10/30/2013	11/1/2013	2		\$112,543
060.01	371.00	IDIQ Pricing Error - OC-192 Cards	4/29/2015	5/6/2015	7		\$87,034
061.00	213.00	Inwindale On-ramp Stockpile	11/8/2013	11/21/2013	13		\$200,185
062.00	053.00	Delete Totten Tubes Scope of Work	11/8/2013	11/21/2013	13		(\$143,801)
063.00	146.00	Home Depot Striping and Signing	11/15/2013	11/21/2013	6		\$21,003
064.00	204.00	Unknown Duct Bank @ San Gabriel Ave	11/15/2013	11/21/2013	6		\$1,265
065.00	140.00	M&O-Overhead Work Platform Changes	12/5/2013	12/16/2013	11		\$317,656
066.00	217.00	Buried SD & Headwall, STA 1306+50	12/6/2013	12/17/2013	11		\$1,020
067.00	219.00	Contaminated Soil, Monrovia Station	12/12/2013	12/17/2013	5		\$17,503
068.00	220.00	DSC at Sawpit Wash Abutments	12/12/2013	12/17/2013	5		\$12,668
069.00	188.00	Costco Emergency Gate-Path to POS	1/21/2014	1/22/2014	1		\$19,882
070.00	214.00	M&O - Generator Load Bank	1/21/2014	1/22/2014	1		\$38,092
071.00	224.00	Alameda South Water Line Tie-in	1/30/2014	1/31/2014	1		\$6,330
072.00	202.00	Aesthetic Lighting Provisions-SGRB	2/3/2014	2/4/2014	1		\$27,055
073.00	160.00	Move Mountain Interlocking Bungalow	2/11/2014	2/13/2014	2		\$68,596
074.00	200.00	M&O Parts Carousel Warranty & PM	2/11/2014	2/13/2014	2		\$68,906
075.00	235.00	Remove Contaminated Wood Ties	2/14/2014	2/18/2014	4		\$4,571
076.00	234.00	Accelerate Work at California Ave	2/14/2014	2/18/2014	4		\$5,663
077.00	247.00	Line Stop in California	2/18/2014	2/20/2014	2		\$14,524



Change Management Log

Date: 12/2/2015

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Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
078.00	201.00	Added Sound Wall, SW of IFS	2/27/2014	2/28/2014	1		\$18,201
079.00	238.00	M&O-MOW Canopy Structural Eval	2/27/2014	2/28/2014	1		\$7,147
079.01	238.01	M&O - MOW Canopy Solar	8/20/2014	8/26/2014	6		\$714,659
080.00	232.00	Car Moving Tractor-Coupler Upgrade	2/27/2014	2/28/2014	1		\$177,145
081.00	242.00	Car Moving Tractor Options/Features	2/27/2014	2/28/2014	1		\$69,099
082.00	091.00	Rockvale Water Line Mitigation	3/4/2014	3/5/2014	1		\$163,750
082.01	091.01	Rockvale Water Line-EIC credit	4/11/2014	4/14/2014	3		(\$5,391)
083.00	251.00	Cut and Move Rail to Segment 1	3/4/2014	3/5/2014	1		\$249,934
084.00	218.00	Delete Equipment at ROC	3/26/2014	3/27/2014	1		(\$91,708)
085.00	239.00	Install Sound Wall Door @ STA. 1169	3/26/2014	3/27/2014	1		\$12,737
086.00	250.00	Change Top Row of Block Wall 1124.1	3/26/2014	3/27/2014	1		\$3,688
087.00	229.00	Irwindale TPSS-Adjust Eqpt. Layout	4/3/2014	4/7/2014	4		\$17,878
088.00	262.00	Provisional Sum Adjustment	4/3/2014	4/7/2014	4		\$0
088.01	262.01	Provisional Sum Adjustment - 2	9/19/2014	9/25/2014	6		\$0
088.02	262.02	Provisional Sum Adjustment - 3	11/12/2014	11/14/2014	2		\$0
088.03	262.03	Provisional Sum Adjustment - 4	3/19/2015	3/19/2015	0		\$0
089.00	261.00	Longer DF Bolts - SGRB	4/3/2014	4/7/2014	4		\$17,331
090.00	169.02	M&O Trimming Table Changes (rev. 2)	4/11/2014	4/14/2014	3		\$54,083
091.00	181.00	Alameda Utility Changes	4/11/2014	4/14/2014	3		(\$9,599)
092.00	241.00	Business Center TPSS Crane Changes	4/23/2014	4/28/2014	5		\$13,655
093.00	276.00	Myrtle Early Completion Incentive	4/23/2014	4/28/2014	5		\$160,000
094.00	254.00	Drainage East of Pasadena Ave.	4/23/2014	4/28/2014	5		\$6,569
095.00	275.00	Remove Rail Ties at 1st/Santa Clara	4/23/2014	4/28/2014	5		\$2,270
096.00	274.00	Buried Concrete @ Huntington Bridge	4/23/2014	4/28/2014	5		\$2,819
097.00	269.00	Asbestos Pipe at Duarte and Myrtle	4/23/2014	4/28/2014	5		\$6,583
098.00	278.00	Abandoned Gas Line at California	5/6/2014	5/7/2014	1		\$8,170
099.00	170.00	M&O Car Wash Betterments	5/6/2014	5/7/2014	1		\$166,144
100.00	223.00	M&O-Volume Control for PA Speakers	5/6/2014	5/7/2014	1		\$38,105
101.00	283.00	Track Work Around at Mountain Ave	5/6/2014	5/7/2014	1		\$29,996
102.00	284.00	Install 115# Buffer Rails in Seg. 1	5/6/2014	5/7/2014	1		\$29,442
103.00	230.00	Azusa-Citrus Ped Crossing Operation	5/6/2014	5/7/2014	1		\$84,183
104.00	231.00	Red Signal Violation Indication	6/3/2014	6/3/2014	0		\$335,134
105.00	253.00	Remove Stem Wall along Duarte Rd.	6/11/2014	6/12/2014	1		\$37,527
106.00	271.00	DVR Changes	7/16/2014	7/17/2014	1		\$181,301
107.00	260.00	M&O Supplemental Fire Water System	7/16/2014	8/4/2014	19		\$1,642,824
108.00	163.00	1st/Santa Clara Grade X-ing Changes	7/25/2014	7/30/2014	5		\$156,177
109.00	164.00	M&O Body Shop Changes	7/25/2014	8/4/2014	10		\$488,598
110.00	256.00	Monrovia North Bunglow LCP Changes	7/25/2014	7/30/2014	5		\$125,313
111.00	237.00	M&O-Signaling System Changes	7/29/2014	8/4/2014	6		\$1,133,746
112.00	252.00	Irwindale Security Kiosk Provisions	8/4/2014	8/6/2014	2		\$178,044
112.01	252.01	Irwindale Security Kiosk - Part 2	2/9/2015	2/11/2015	2		\$47,168
112.02	252.02	Irwindale Security Kiosk - Credit	7/14/2015	7/21/2015	7		(\$47,168)
113.00	281.00	M&O - Accent Colors	8/4/2014	8/6/2014	2		\$26,928
114.00	305.00	Lead Paint, Foothill Median Barrier	8/18/2014	8/20/2014	2		\$5,690
115.00	270.00	TES Load Flow Simulation	8/19/2014	8/21/2014	2		\$22,399
116.00	203.00	Mayflower Driveway/Wall Credit	8/20/2014	8/26/2014	6		(\$19,138)
117.00	307.00	Contaminated Wood Ties-Santa Anita	8/20/2014	8/26/2014	6		\$3,226
118.00	082.01	M&O / 3M Fence Revisions (rev 1)	9/17/2014	9/25/2014	8		\$886,650
119.00	314.00	Mountain Early Completion Incentive	9/17/2014	9/24/2014	7		\$80,000
120.00	301.00	Santa Anita Avenue Bridge Artwork	9/17/2014	9/25/2014	8		\$57,224



Change Management Log

Date: 12/2/2015

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Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
121.00	313.00	Additional Traffic Signal Testing D	9/19/2014	9/25/2014	6		\$7,875
122.00	320.00	Remove Asbestos Pipe at Virginia	11/12/2014	11/14/2014	2		\$9,485
123.00	303.00	Additional Anti-Graffiti Coating	12/8/2014	12/8/2014	0		\$63,727
124.00	326.00	Santa Anita Avenue Bridge Lighting	12/8/2014	12/8/2014	0		\$208,633
124.01	326.01	Santa Anita Bridge Lighting-Part 2	1/16/2015	1/19/2015	3		\$5,744
124.02	380.00	Santa Anita Ave. Bridge Lighting-3	7/14/2015	7/21/2015	7		\$68,775
125.00	335.00	M&O - Interior Wall Revisions	12/18/2014	12/19/2014	1		\$43,786
126.00	304.00	M&O Lobby Aesthetic Changes	12/18/2014	12/19/2014	1		\$128,047
127.00	292.00	M&O - Guard House Changes	12/19/2014	12/19/2014	0		\$65,463
128.00	339.00	Mountain Ped. Crossing Changes	1/8/2015	1/12/2015	4		\$96,159
129.00	340.00	Business Center TPSS Drainage	1/16/2015	1/19/2015	3		\$249,959
130.00	255.00	Virginia TPSS Access Road	1/8/2015	1/12/2015	4		\$39,718
131.00	291.00	Eliminate 'Train Coming' Signs	1/8/2015	1/12/2015	4		\$9,325
132.00	322.00	Replace Existing OCS Pole at SMV	1/16/2015	1/19/2015	3		\$27,010
133.00	187.01	Irwindale Ramp Signs	1/20/2015	1/26/2015	6		\$125,015
134.00	346.00	Delay in Setting of Yard Substation	1/20/2015	1/26/2015	6		\$15,181
135.00	344.00	Virginia TPSS-Access for Delivery	1/30/2015	2/2/2015	3		\$67,019
136.00	328.00	Rail Profile Grinding	2/9/2015	2/18/2015	9		\$524,000
136.01	328.01	Rail Profile Grinding - Closeout	11/12/2015	11/17/2015	5		\$44,522
137.00	065.03	M&O Main Building Comm. Room Floors	2/17/2015	2/17/2015	0		\$4,402
138.00	353.00	1st/Santa Clara Noise Mitigations	2/17/2015	2/17/2015	0		\$13,889
139.00	323.00	Add Pavers to Duarte Station W Ramp	2/18/2015	2/18/2015	0		\$31,982
140.00	338.00	M&O-Wheel Truing Machine Car Puller	2/19/2015	2/19/2015	0		\$83,112
141.00	258.00	M&O Tactile Guidance Changes	2/23/2015	2/26/2015	3		\$203,945
142.00	352.00	M&O - Fire Alarm System	2/23/2015	2/26/2015	3		\$238,983
143.00	351.00	Sierra Madre Track Rehab	2/23/2015	2/26/2015	3		\$18,107
144.00	349.00	Remove water line east of Highland	2/23/2015	2/26/2015	3		\$4,648
145.00	360.00	M&O Facility - Yard Control Console	3/2/2015	3/3/2015	1		\$23,158
146.00	359.00	Generators for Testing-SRGB to IRW	3/2/2015	3/3/2015	1		\$6,758
147.00	325.00	Station Identifier Changes	3/23/2015	3/25/2015	2		\$4,712
148.00	345.00	Irwindale Signal Case & Push Button	3/24/2015	3/25/2015	1		\$111,110
149.00	296.00	M&O Service Vehicle Pathways	3/26/2015	3/30/2015	4		\$164,480
149.01	296.01	M&O-Service Vehicle Pathways - 2	6/18/2015	6/22/2015	4		\$4,955
150.00	327.00	M&O Facility-NW Corner Fence & Wall	4/29/2015	5/5/2015	6		\$461,480
151.00	311.00	Abandoned California Water Lines	4/29/2015	5/6/2015	7		\$61,219
152.00	358.00	M&O Facility-Interior Wall Finishes	4/29/2015	5/6/2015	7		\$24,582
153.00	337.00	Grade X-ing Train Signal Changes	4/29/2015	5/6/2015	7		\$136,849
154.00	367.00	M&O NW Corner Hardscape Changes	5/8/2015	5/20/2015	12		\$444,632
155.00	363.00	M&O Early Completion Milestone	5/13/2015	5/20/2015	7		\$215,290
156.00	375.00	M&O - Beaumont Acceleration for TCO	5/14/2015	5/20/2015	6		\$130,681
157.00	357.00	Add APS @ 2 intersections in Duarte	5/15/2015	5/20/2015	5		\$39,826
158.00	257.00	Comm. Changes Parking Structures	6/4/2015	6/4/2015	0		\$186,672
159.00	257.01	Duarte Parking Lot ETEs and CCTVs	6/4/2015	6/4/2015	0		\$289,578
160.00	364.00	M&O - MOW Track Fouling Issue	6/4/2015	6/4/2015	0		\$309,417
161.00	376.00	Remove Hazardous Waste at Angeleno	6/4/2015	6/4/2015	0		\$4,635
162.00	383.00	M&O - WTM elect changes in pit	6/4/2015	6/4/2015	0		\$19,063
163.00	381.00	M&O - Elevator Inspector Upgrades	6/4/2015	6/4/2015	0		\$12,200
164.00	382.00	M&O - Fire Alarm System Upgrades	6/11/2015	6/15/2015	4		\$109,631
164.01	389.00	M&O - Fire Alarm System Upgrades-2	6/18/2015	6/22/2015	4		\$109,920
165.00	385.00	M&O-replace LRV access stairs	6/11/2015	6/15/2015	4		\$9,519



Change Management Log

Date: 12/2/2015

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Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
166.00	384.00	M&O-NW Corner Added Paving & Curb	6/11/2015	6/15/2015	4		\$19,095
167.00	391.00	M&O Main Entrance Changes	7/14/2015	7/21/2015	7		\$209,772
168.00	306.00	Close Fence Gaps to Adj. Buildings	7/14/2015	7/21/2015	7		\$19,939
169.00	377.00	Pedestrian Grade Crossing Mods	7/14/2015	7/21/2015	7		\$31,469
170.00	343.00	Striping/Signs at Station Ped Xings	7/14/2015	7/21/2015	7		\$267,488
171.00	362.00	M&O - Move East Lobby Wall	8/12/2015	8/13/2015	1		\$45,156
172.00	394.00	Intersection Changes at Highland an	8/14/2015	8/14/2015	0		\$25,146
173.00	393.00	Relocation of Buena Vista Pole D CS	8/14/2015	8/14/2015	0		\$44,646
174.00	395.00	SCE TPSS Metering Pad Extensions	9/2/2015	9/9/2015	7		\$18,601
175.00	302.00	ETEL/PTEL Faceplate Betterment	10/21/2015	10/21/2015	0		\$49,805
176.00	405.00	Irwindale Ped Crossing Changes	10/21/2015	10/21/2015	0		\$27,617
177.00	407.00	M&O - Main Entrance Driveway Mods	10/21/2015	10/21/2015	0		\$31,406
178.00	404.00	Baldwin & Michillinda Standpipes	10/21/2015	10/21/2015	0		\$7,386
179.00	365.00	Irwindale Ave / I-210 E. Onramp	10/22/2015	11/17/2015	26		\$1,276,869
180.00	414.00	Station Benches & Citrus Guardrail	11/2/2015	11/10/2015	8		\$75,778
181.00	416.00	Housekeeping Pads for Electrical Eq	11/12/2015	11/17/2015	5		\$17,919
182.00	417.00	M&O - Elevated Track Weld Analysis	11/12/2015	11/17/2015	5		\$14,865
Subtotal:							\$24,836,991
Subtotal:							\$24,836,991
Total:							\$24,836,991

Open PCOs

PCO Number	Title
OPEN	
029.00	Del. Irwindale/Gladstone Mitigation
080.00	Delete Evergreen / Myrtle Mitigation
085.00	Joseph TPSS Power Feed Credit
091.00	UP Tunnel Analysis & Modifications
100.00	Change Wayside Operational Signage
101.00	Peck Road Ramp
103.00	Tactile Guidance Tile at Stations
104.01	Purchase 'Look Both Ways' Signs
110.00	M&O Completion Items
111.00	3M Fence Changes
112.00	M&O Fire Tank Punch List Items
113.00	Added Delineators at Grade Crossings
114.00	Duarte Rd Additional Landscaping
116.00	ROW Gate Changes
117.00	Screen Fence at Irwindale Ave. UP

Open RFCs

RFC Number	Title
OPEN	
088.00	Programming Changes for SCRRA Exit
105.00	MO Blowdown Pit Grating Changes CSP
111.00	Move BLS at Azu-Alam Sta CSP
112.00	Temporary FACP Monitoring for Parki
114.00	Changes to MO Landscaping CSP
115.00	MO Flooring Acceleration CSP
123.00	Relocate the CICs at the Sta CSP
127.00	Steam Cleaner Change CSP
129.00	Azusa-Alameda Ramp Pavers CSP
131.00	Add Training for WI Truing Mach CSP
133.00	Landscape Accel-Changes at MO CSP



Change Management Log

Date: 12/2/2015

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Project: C1135 Alignment - FTC Contract #: C1135

Open RFC Notices

Number	Title
037.00	DSC at Santa Anita Wash Abutment 1
044.00	DSC Utility at Azusa Avenue
083.01	Sierra Madre Track Rehab Part 2
086.00	Ground Grid Damaged at Citrus TPSS
098.00	Housekeeping Pads for Electrical Eq
100.00	MO Yard Signage Changes
105.00	MO Facility Blow Down Pit Grating C
116.00	Added Paving at LRV Loading Driveway
134.00	Pedestal Track Welds at MO
140.00	CPUC Completion Items Extra Work
141.00	Extending Track Walkway to 48 In
143.00	Ext Security Subst Comp-12-18-15



Description: Intermodal Parking Facilities & Enhancements **Status:** November 15, 2015

Contract No.: C1150

Contractor: Webcor Builders

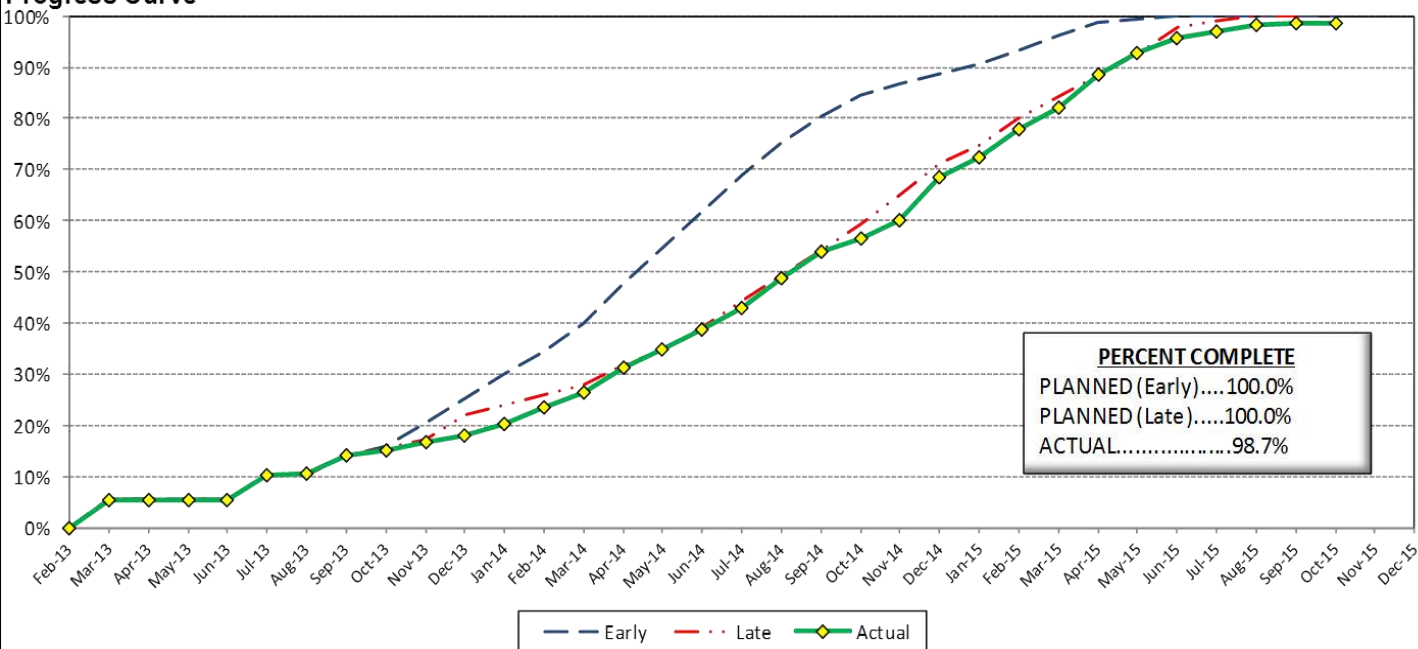
Cost Summary:

	Million(s)
CONTRACT	
Contract Award Value:	48.8
Executed Change Orders:	1.3
Current Contract Value:	50.0
Potential Change Orders:	(0.0)
Current Forecast:	50.0
Earned Value/Actual Cost	49.6
AUTHORIZATION FOR EXPENDITURE	
Budget	50.4
Commitment	50.0
Balance	0.4

Cost Assessment:

This period, the current cost forecast increased \$15 Thousand. The cost increase is due to the following: PCO 021 - *Trailblazing Signs*.

Progress Curve



Schedule Summary:

Contract Award:	02/27/13
Notice to Proceed (NTP) :	03/20/13
Original Contract Duration:	845 Calendar Days
Current Contract Duration:	1,011 Calendar Days
Elapsed Time from NTP:	970 Calendar Days

Contract Milestones

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	03/15/15	08/28/15	8/28/2015 A	0
2	Punchlist Complete	05/29/15	11/11/15	12/19/15	(38)
3	Final Completion	07/13/15	12/26/15	01/23/16	(28)
4	TPSS Work	03/01/14	03/01/14	3/31/2014 A	(30)

Schedule Assessment:

The Design-Build Contractor was granted Substantial Completion on August 28, 2012 and is progressing on completing the punchlist work.



Change Management Log

Date: 12/2/2015

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Project: C1150 Parking - Webcor Contract #: C1150

Original Contract Amount:	\$48,750,000				
Approved Change Orders:	\$1,268,717	2.60%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$50,018,717		Pending Contract Total:	\$50,018,717	2.60%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
001.00	001.00	Monrovia Parking Alternative Layout	6/25/2013	7/11/2013	16		\$21,382
001.01	001.01	Monrovia Alternative - Cancellation	9/17/2013	10/7/2013	20		(\$12,006)
002.00	003.00	Clock Tower Procurement	7/3/2013	7/11/2013	8		\$107,246
003.00	002.00	Relocate Elevator @ Azusa-Citrus PF	12/18/2013	1/8/2014	21		\$159,899
004.00	013.00	Irwindale Structure Relocation	1/23/2014	8/28/2014	217	90	(\$65,564)
005.00	018.00	Monrovia Demo Unforeseen Conditions	3/18/2014	3/26/2014	8		\$17,013
006.00	010.00	Arcadia Transit Plaza Betterments	3/14/2014	3/26/2014	12		\$35,466
007.00	009.01	Irwindale Intersection Betterments	3/25/2014	3/26/2014	1		\$19,985
008.00	017.00	Irwindale Intersection Water Line	3/25/2014	4/14/2014	20		\$7,748
009.00	020.00	Unforeseen Underground Demo-Arcadia	6/13/2014	7/9/2014	26		\$6,313
010.00	011.00	Soldano TPSS Added ROW Fence	7/24/2014	7/28/2014	4		\$8,481
011.00	024.00	SCE Power Feed to DB2 Arcadia TPSS	7/24/2014	7/28/2014	4		\$17,199
012.00	025.00	Additional Sidewalk at Arcadia	7/24/2014	7/28/2014	4		\$3,342
013.00	006.00	St. Joseph Drainage Enhancements	7/31/2014	7/31/2014	0		\$139,488
014.00	012.00	Additional Conduit Provisions	8/13/2014	9/3/2014	21		\$57,262
015.00	030.00	Unforeseen Conditions at Michillind	8/22/2014	8/28/2014	6		\$1,643
016.00	019.00	Parking Facility Artwork	8/27/2014	8/28/2014	1		\$75,850
017.00	034.00	Michillinda Conduit Demo & Pull Box	11/12/2014	11/20/2014	8		\$31,506
018.00	016.00	Monrovia Canopies & Banding Color	12/19/2014	12/29/2014	10		\$247,577
019.00	035.00	Irwindale CCTV Pole	12/29/2014	1/5/2015	7		\$6,220
020.00	039.00	Engineering Costs for Arcadia Clock	12/17/2014	12/29/2014	12		\$5,292
021.00	008.00	Azusa-Citrus Plaza Pavers	1/5/2015	1/13/2015	8		\$7,350
022.00	038.00	Temporary Power for Irrigation at M	1/7/2015	1/13/2015	6		\$1,465
023.00	037.00	Additional Slurry for City of Arcad	1/7/2015	1/13/2015	6		\$7,460
024.00	033.00	Elevator Holding Tanks	3/25/2015	3/27/2015	2		\$76,833
025.00	029.00	Metro-Requestd Elevator Vent Detail	2/12/2015	2/12/2015	0		\$11,553
026.00	041.00	Azusa Citrus Grand Pylon Power	2/13/2015	2/13/2015	0		\$4,742
027.00	045.00	Irwindale Form Liner Product Change	4/9/2015	4/9/2015	0		\$13,170
028.00	044.00	Irwindale City Light Poles Upgrade	4/9/2015	4/9/2015	0		\$10,543
029.00	043.00	Metro Requested Signage Betterments	4/10/2015	6/24/2015	75		\$12,884
030.00	027.00	ETEL Enclosures	4/10/2015	4/30/2015	20		\$42,885
031.00	046.00	Generator for Monrovia Elevators	4/21/2015	4/30/2015	9		\$26,901
032.00	049.00	Irwindale Completion Incentive	6/8/2015	6/11/2015	3		\$50,000
033.00	053.00	Systems Interface Delay	6/10/2015	6/12/2015	2	34	\$0
034.00	047.00	CCTV Scope at Duarte Surface Lot	6/11/2015	6/16/2015	5		\$87,799
035.00	048.00	Irwindale Crash Wall Screen Revisio	6/25/2015	6/29/2015	4		\$26,694
036.00	054.00	Irwindale Street Improvements	7/7/2015	7/8/2015	1		\$14,707
037.00	055.00	Systems Interface Delay Part 2	7/16/2015	7/17/2015	1	42	\$0
038.00	051.00	Relocate Monrovia Jobsite Trailers	7/17/2015	7/23/2015	6		\$22,749
039.00	032.00	Irwindale Kiosk Foundation	9/15/2015	9/17/2015	2		\$14,190
040.00	019.01	Artwork Installation	9/17/2015	9/22/2015	5		\$37,359
041.00	015.00	Delete Azusa-Alameda Enhancements	10/14/2015	10/26/2015	12		(\$91,909)



Change Management Log

Date: 12/2/2015

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Project: C1150 Parking - Webcor Contract #: C1150

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount	
EXECUTED Change Orders								
042.00	056.00	Azusa-Citrus Roadway	11/3/2015	11/6/2015	3		\$0	
							Subtotal:	\$1,268,717
							Subtotal:	\$1,268,717
							Total:	\$1,268,717

Open PCOs

PCO Number	Title
OPEN	
013.00	Primrose Avenue cul-de-sac Deletion
021.00	Trailblazing Signs

Open RFC Notices

Number	Title
033.00	Station Dedication Betterments



AZUSA TO MONTCLAIR SEGMENT

ACTIVITIES COMPLETED THIS PERIOD

Authority and City staff continued to hold coordination meetings to discuss the project. This period, Authority staff worked on the following technical elements of the project:

- Continued advancement of the plan and profile drawings
- Continued right-of-way survey and drawings
- Continued geotechnical work
- Continued surveying work
- Continued conceptual design of the parking facilities and stations
- Continued environmental site assessment investigations
- Continued coordination of grade crossings
- Continued work on composite utility drawings

KEY FUTURE ACTIVITIES

The advanced conceptual engineering process is an 18-month process. Upon completion, the Azusa to Montclair segment will be ready for a design-build procurement. Upcoming activities include continuing to attend coordination meetings with each corridor city, finalizing the city MCAs, development of the ROW drawing work, refinement of the alignment, completing the SDAR, and completing the geotechnical investigations.

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.



PHASE 2 FOOTHILL EXTENSION FINANCIAL STATUS

Project Operating Budget Summary in Millions of Dollars

November 30, 2015

	(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	810.5	810.5	-	629.9
Measure R - Azusa to Montclair	-	-	-	-
SANBAG	55.2	1.5	53.7	1.5
Federal TCSP	2.9	2.9	-	2.9
Federal Bus Intermodal Plan	9.0	9.0	-	5.8
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	-	2.5
Federal/Other	1,033.5	-	1,033.5	-
Total Revenues	1,950.0	851.7	1,098.3	667.9
	(a)	(b)	(c)	(d=a-b)
	Current Budget	Current Obligation	Current Expenditures	Current Available Balance
EXPENSES				
Program Management and Administration	108.9	108.9	106.2	-
Master Cooperative Agreements	11.0	3.7	3.3	7.7
Real Estate including ROW Acq	21.0	21.0	20.2	-
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	19.8	-
Construction - Pasadena to Azusa segment	328.9	328.9	328.9	-
Construction - Azusa to Montclair segment	1,181.0	-	-	1,181.0
Construction - M&O	47.0	47.0	43.7	-
Construction - Parking Structures	44.2	44.2	43.6	-
MTA Project Costs	64.0	64.0	14.3	-
Contingency	27.4	-	-	27.4
Project Reserve	14.5	-	-	14.5
Total Project	1,950.0	659.5	602.0	1,290.5