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### PHASE 2 FOOTHILL EXTENSION PROJECT STATUS

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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:

<u>Arcadia:</u>

- 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.
- 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.
- 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.

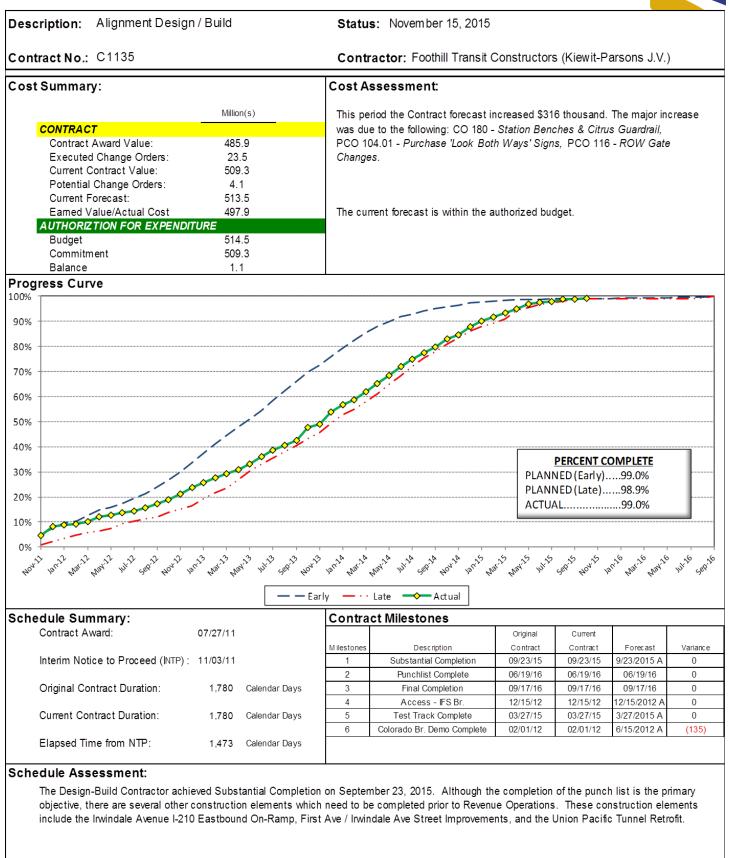
Transfer all Phase 2A project property back to Metro

#### METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY

Monthly Project Status Report

Period Ending: November 30, 2015





### Metro Gold Line Foothill Extension Construction Authority

406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Date: 12/2/2015 Page: 1 of 6

### Change Management Log

### 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
EXECU	TED Chang	e 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
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Monrovia, CA 91016

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## **Change Management Log**

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

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e Orders					
032.00	104.00	Highland Ave Abandoned CMP sleeves	5/1/2013	5/3/2013	2		\$15,00
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		\$121,34
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		\$82,27 <sup>2</sup>
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		\$110,80
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		\$29,35
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		\$4,29
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	Irwindale 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		\$12,000
070.00	214.00	M&O - Generator Load Bank	1/21/2014	1/22/2014	1		\$19,002
070.00	214.00	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		\$0,330 \$27,055
072.00	160.00	Move Mountain Interlocking Bungalow	2/11/2014	2/13/2014	2		
074.00	200.00	M&O Parts Carousel Warranty & PM	2/11/2014	2/13/2014	2		\$68,596
							\$68,900
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		\$14,52



Monrovia, CA 91016

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## **Change Management Log**

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

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e 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
00.080	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
00.88	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 Tramming 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		
117.00	307.00	Contaminated Wood Ties-Santa Anita	8/20/2014	8/26/2014	6		(\$19,138) \$3,220
	082.01	M&O / 3M Fence Revisions (rev 1)	9/17/2014	9/25/2014 9/25/2014	8		\$3,22
118.00							\$886,650
19.00	314.00	Mountain Early Completion Incentive	9/17/2014	9/24/2014	7		\$80,000
20.00	301.00	Santa Anita Avenue Bridge Artwork	9/17/2014	9/25/2014	8		\$57,22

Change Management Risk Log rev 2013-02-02 ADL



Monrovia, CA 91016

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## **Change Management Log**

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

lumber	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
XECU	TED Change	e Orders					
21.00	313.00	Additional Traffic Signal Testing D	9/19/2014	9/25/2014	6		\$7,87
22.00	320.00	Remove Asbestos Pipe at Virginia	11/12/2014	11/14/2014	2		\$9,48
23.00	303.00	Additional Anti-Graffiti Coating	12/8/2014	12/8/2014	0		\$63,72
24.00	326.00	Santa Anita Avenue Bridge Lighting	12/8/2014	12/8/2014	0		\$208,63
24.01	326.01	Santa Anita Bridge Lighting-Part 2	1/16/2015	1/19/2015	3		\$5,74
24.02	380.00	Santa Anita Ave. Bridge Lighting-3	7/14/2015	7/21/2015	7		\$68,77
25.00	335.00	M&O - Interior Wall Revisions	12/18/2014	12/19/2014	1		\$43,78
26.00	304.00	M&O Lobby Aesthetic Changes	12/18/2014	12/19/2014	1		\$128,04
27.00	292.00	M&O - Guard House Changes	12/19/2014	12/19/2014	0		\$65,46
28.00	339.00	Mountain Ped. Crossing Changes	1/8/2015	1/12/2015	4		\$96,15
29.00	340.00	Business Center TPSS Drainage	1/16/2015	1/19/2015	3		\$249,95
30.00	255.00	Virginia TPSS Access Road	1/8/2015	1/12/2015	4		\$39,71
31.00	291.00	Eliminate 'Train Coming' Signs	1/8/2015	1/12/2015	4		\$9,32
32.00	322.00	Replace Existing OCS Pole at SMV	1/16/2015	1/19/2015	3		\$27,01
33.00	187.01	Irwindale Ramp Signs	1/20/2015	1/26/2015	6		\$125,01
34.00	346.00	Delay in Setting of Yard Substation	1/20/2015	1/26/2015	6		\$15,18
35.00	344.00	Virginia TPSS-Access for Delivery	1/30/2015	2/2/2015	3		\$67,01
36.00	328.00	Rail Profile Grinding	2/9/2015	2/18/2015	9		\$524,00
36.01	328.01	Rail Profile Grinding - Closeout	11/12/2015	11/17/2015	5		\$44,5
37.00	065.03	M&O Main Building Comm. Room Floors	2/17/2015	2/17/2015	0		\$4,4
8.00	353.00	1st/Santa Clara Noise Mitigations	2/17/2015	2/17/2015	0		\$13,8
39.00	323.00	Add Pavers to Duarte Station W Ramp	2/18/2015	2/18/2015	0		\$31,9
10.00	338.00	M&O-Wheel Truing Machine Car Puller	2/19/2015	2/19/2015	0		\$83,1
1.00	258.00	M&O Tactile Guidance Changes	2/23/2015	2/26/2015	3		\$203,9
12.00	352.00	M&O - Fire Alarm System	2/23/2015	2/26/2015	3		\$238,9
3.00	351.00	Sierra Madre Track Rehab	2/23/2015	2/26/2015	3		\$18,1
4.00	349.00	Remove water line east of Highland	2/23/2015	2/26/2015	3		\$4,64
45.00	360.00	M&O Facility - Yard Control Console	3/2/2015	3/3/2015	1		\$23,1
6.00	359.00	Generators for Testing-SRGB to IRW	3/2/2015	3/3/2015	1		\$6,7
17.00	325.00	Station Identifier Changes	3/23/2015	3/25/2015	2		\$4,7
48.00	345.00	Irwindale Signal Case & Push Button	3/24/2015	3/25/2015	1		\$111,1 <sup>-</sup>
9.00	296.00	M&O Service Vehicle Pathways	3/26/2015	3/30/2015	4		\$164,4
9.01	296.01	M&O-Service Vehicle Pathways - 2	6/18/2015	6/22/2015	4		\$4,9
50.00	327.00	M&O Facility-NW Corner Fence & Wall	4/29/2015	5/5/2015	6		\$461,48
51.00	311.00	Abandoned California Water Lines	4/29/2015	5/6/2015	7		\$61,2
52.00	358.00	M&O Facility-Interior Wall Finishes	4/29/2015	5/6/2015	7		
53.00	337.00	Grade X-ing Train Signal Changes	4/29/2015	5/6/2015	7		\$24,58
54.00	367.00	M&O NW Corner Hardscape Changes	5/8/2015	5/20/2015	12		\$136,84
55.00	363.00	M&O Early Completion Milestone	5/13/2015	5/20/2015	7		\$444,63
56.00	375.00	M&O - Beaumont Acceleration for TCO	5/14/2015	5/20/2015	6		\$215,2
57.00	357.00	Add APS @ 2 intersections in Duarte	5/15/2015	5/20/2015	5		\$130,6
		-			0		\$39,8
58.00 59.00	257.00 257.01	Comm. Changes Parking Structures Duarte Parking Lot ETELs and CCTVs	6/4/2015	6/4/2015 6/4/2015			\$186,6 <sup>-</sup>
	257.01 364.00	M&O - MOW Track Fouling Issue	6/4/2015 6/4/2015	6/4/2015 6/4/2015	0		\$289,5
0.00	364.00 376.00		6/4/2015	6/4/2015 6/4/2015	0		\$309,4
61.00	376.00	Remove Hazardous Waste at Angeleno	6/4/2015		0		\$4,6
2.00	383.00	M&O - WTM elect changes in pit	6/4/2015	6/4/2015	0		\$19,0
3.00	381.00	M&O - Elevator Inspector Upgrades	6/4/2015	6/4/2015	0		\$12,2
64.00	382.00	M&O - Fire Alarm System Upgrades	6/11/2015	6/15/2015	4		\$109,6
64.01	389.00	M&O - Fire Alarm System Upgrades-2	6/18/2015	6/22/2015	4		\$109,9
5.00	385.00	M&O-replace LRV access stairs	6/11/2015	6/15/2015	4		\$9,5

Change Management Risk Log rev 2013-02-02 ADL



Monrovia, CA 91016

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## **Change Management Log**

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

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

\$24,836,991 Subtotal: \$24,836,991 Total:

Open P	COs	Open R	FCs
PCO Number	Title	RFC Number	Title
OPEN		OPEN	
029.00	Del. Irwindale/Gladstone Mitigation	088.00	Programming Changes for SCRRA Exit
080.00	Delete Evergreen / Myrtle Mitigation	105.00	MO Blowdown Pit Grating Changes CSP
085.00	Joseph TPSS Power Feed Credit	111.00	Move BLS at Azu-Alam Sta CSP
091.00	UP Tunnel Analysis & Modifications	112.00	Temporary FACP Monitoring for Parki
100.00	Change Wayside Operational Signage	114.00	Changes to MO Landscaping CSP
101.00	Peck Road Ramp	115.00	MO Flooring Acceleration CSP
103.00	Tactile Guidance Tile at Stations	123.00	Relocate the CICs at the Sta CSP
104.01	Purchase 'Look Both Ways' Signs	127.00	Steam Cleaner Change CSP
110.00	M&O Completion Items	129.00	Azusa-Alameda Ramp Pavers CSP
111.00	3M Fence Changes	131.00	Add Training for WI Truing Mach CSP
112.00	M&O Fire Tank Punch List Items	133.00	Landscape Accel-Changes at MO CSP
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

#### Metro Gold Line Foothill Extension Construction Authority

406 East Huntington Drive, Suite 202 Monrovia, CA 91016

### Change Management Log

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

## **Open RFC Notices**

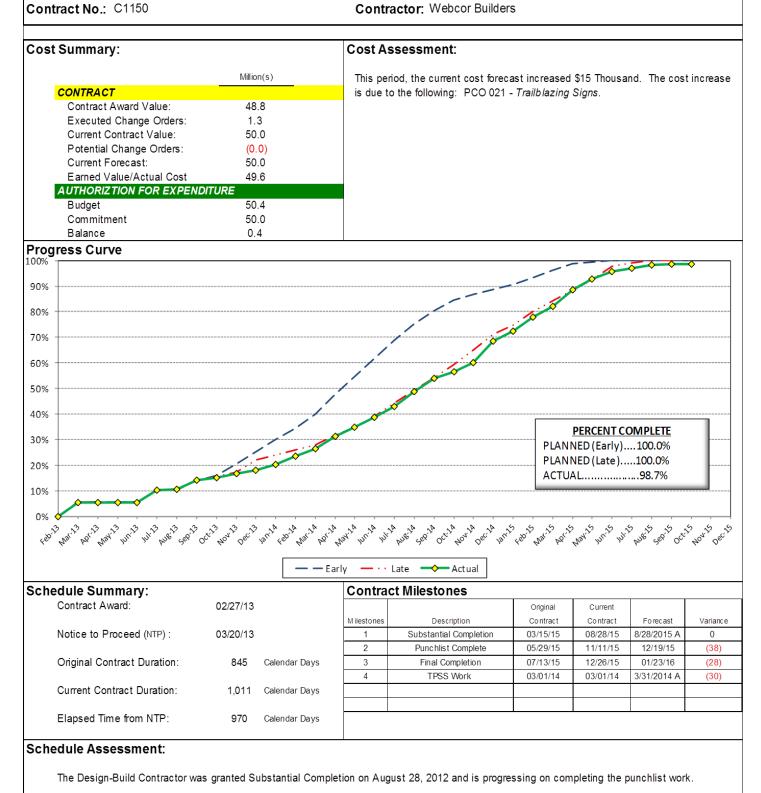
Number Title 037.00 DSC at Santa Anita Wash Abutment 1 044.00 DSC Utility at Azusa Avenue 083.01 Sierra Madre Track Rehab Part 2 086.00 Ground Grid Damaged at Citrus TPSS Housekeeping Pads for Electrical Eq 098.00 100.00 MO Yard Signage Changes MO Facility Blow Down Pit Grating C 105.00 Added Paving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



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



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Monrovia, CA 91016

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## **Change Management Log**

## 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	t Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	ge Orders					
001.00	001.00	Monrovia Parking Alternative Layout	6/25/2013	7/11/2013	16		\$21,382
001.01	001.01	Monrovia Alternative - Cancelation	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 Unforseen 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)



Monrovia, CA 91016

Date: 12/2/2015

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## **Change Management Log**

### Project: C1150 Parking - Webcor Contract #: C1150

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

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

<b>Open RFC Notices</b>			

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

Current Budget 1.0 2.0 13.9 4.0 - 11.0 810.5 -	Funding Committed to Project 0.9 2.0 13.9 4.0 - - 810.5	Uncommitted Funds 0.1 - - - - 11.0	Revenues Received 0.9 2.0 13.9 4.0
1.0 2.0 13.9 4.0 - 11.0 810.5 -	Project 0.9 2.0 13.9 4.0 -	Funds 0.1	Received           0.9           2.0           13.9
1.0 2.0 13.9 4.0 - 11.0 810.5 -	0.9 2.0 13.9 4.0 -	0.1 - - -	0.9 2.0 13.9
2.0 13.9 4.0 - 11.0 810.5 -	2.0 13.9 4.0 -	- - -	2.0 13.9
13.9 4.0 - 11.0 810.5 -	13.9 4.0 -	- - - - 11.0	13.9
4.0 - 11.0 810.5 -	4.0 - -	- - - 11.0	
- 11.0 810.5 -	-	- - 11.0	4.0
810.5 -	- - 810.5	- 11.0	
810.5 -	- 810.5	11.0	-
-	810.5		-
-		-	629.9
	-	-	-
55.2	1.5	53.7	1.5
2.9	2.9	-	2.9
9.0	9.0	-	5.8
4.0	4.0	-	4.0
0.5	0.5	-	0.5
2.5	2.5	-	2.5
1,033.5	-	1,033.5	-
	851.7	,	667.9
(a)	(b)	( C )	(d=a-b)
Current	Current	Current	Current
Budget	Obligation	Expenditures	Available Balance
108.9	108.9	106.2	-
11.0	3.7	3.3	7.7
21.0	21.0	20.2	-
0.3	-	-	0.3
60.0	-	-	60.0
22.0	22.0	22.0	-
19.8	19.8	19.8	-
328.9	328.9	328.9	-
1,181.0	-	-	1,181.0
47.0	47.0	43.7	-
44.2	44.2	43.6	-
64.0	64.0	14.3	-
27.4	-	-	27.4
14.5	-	-	14.5
1,950.0	659.5	602.0	1,290.5
	4.0 0.5 2.5 1,033.5 1,950.0 (a) Current Budget 108.9 11.0 21.0 0.3 60.0 22.0 19.8 328.9 1,181.0 47.0 44.2 64.0 27.4	4.0       4.0         0.5       0.5         2.5       2.5         1,033.5       -         1,950.0       851.7         (a)       (b)         Current       Current         Budget       Obligation         108.9       108.9         11.0       3.7         21.0       21.0         0.3       -         60.0       -         22.0       22.0         19.8       19.8         328.9       328.9         1,181.0       -         47.0       47.0         44.2       44.2         64.0       64.0         27.4       -         14.5       -	4.0       4.0       -         0.5       0.5       -         2.5       2.5       -         1,033.5       -       1,033.5         1,950.0       851.7       1,098.3         (a)       (b)       (c)         Current       Current       Current         Budget       Obligation       Expenditures         108.9       108.9       106.2         11.0       3.7       3.3         21.0       21.0       20.2         0.3       -       -         60.0       -       -         22.0       22.0       22.0         19.8       19.8       19.8         328.9       328.9       328.9         1,181.0       -       -         47.0       47.0       43.7         44.2       44.2       43.6         64.0       64.0       14.3         27.4       -       -         14.5       -       -