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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 and the third segment, if applicable, will be comprised of an extension from Montclair to the Ontario Airport.



Figure 1: Metro Gold Line Foothill Extension Alignment



# Pasadena to Azusa Segment

## MANAGEMENT ISSUES

#### **Metro Betterments**

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

#### **TPSS Commissioning**

The traction power substations (TPSS) provide equipment to transform utility power required for Light Rail Vehicle (LRV) propulsion, and then distribute that power to the LRVs via the overhead wires. Metro is responsible for purchasing the traction power substations. All TPSS have been delivered and set to date, however these deliveries were all behind schedule which proposed a potential to impact the project schedule. Authority staff coordinated with Metro and FTC to ensure minimal impact to the project, however the energization process will need to be finalized before schedule concerns are eliminated.



#### KEY ACTIVITIES COMPLETED THIS PERIOD

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

- o Current SBE commitment: \$59,500,000
- SBE percent committed versus value of Project: 18.97%
- Overall Authority Project SBE goal: 16%

FTC reports the following approximate safety statistics to date:

- o 1,876,115 total work hours performed by FTC, Mass Electric, and Subcontractors
- o 13 recordable injuries reported to date
- o 4 lost time injuries reported to date

Webcor reports the following DBE statistics for the month of November:

- o Current DBE commitment: \$1,121,250
- o DBE percent committed versus value of Project: 3.53%
- o Overall Authority Project DBE goal: 2.3%

Webcor reports the following approximate safety statistics to date:

- 147,926 total work hours performed by Webcor and Subcontractors
- o 1 recordable injuries reported to date
- $\circ~$  0 lost time injuries reported to date

The Baldwin and St. Joseph Traction Power Supply Substations were energized (4 remaining)

Continued placement of art and architectural elements at all stations

Continued track destressing throughout the alignment

Continued trackwork at the Gold Line Operations Campus (Campus)

Substantially completed OCS and Site Lighting Pole erection at the Campus and throughout the Alignment

Continued OCS wire runs in Segments 1, 2, 3, and 4

Continued installation of train control cases/bungalows and associated equipment

Continued installation of the communications system

Continued systems integration testing

Completed installation of Arcadia and Monrovia parking structure elevators

Continued installation of Azusa-Citrus parking structure elevators

Completed demolition of existing parking lot at Duarte parking lot site

Began second level deck pour of the Irwindale parking structure

Authority continued reviewing design submittals for Duarte, Azusa-Citrus and Irwindale structures



## **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 start-up activities

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

Complete construction of art and architectural elements at all stations

Complete OCS installation

Complete installation of train control system

Complete installation of communications system

Complete system integration tests

Finalize design for the following Parking Facilities: Azusa Citrus, Irwindale, and Duarte

Energize Los Robles, Soldano, Virginia, and Citrus Traction Power Supply Substations

Finalize the following property acquisitions:

- Arcadia:
  - 1. Parcel 13010/1311 (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 1403 (99 N. Second Av.) Setting Just Compensation 3/18/15.
  - 5. Parcel 6009 (Huntington Dr. Bridge Abutments) To be conveyed by the City of Arcadia.
  - 6. Parcel 6010 (Huntington Dr. Bridge Abutments) To be conveyed by the City of Arcadia.
  - 7. Parcel 6011 (Huntington Dr. Bridge Abutments) To be conveyed by the City of Arcadia.
- <u>Monrovia</u>:
  - 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) Waiting for legal description/as-builts.
  - 4. Parcel 21A23 (Shamrock Trapezoid) To be conveyed by the City of Monrovia.
- <u>Azusa</u>:
  - 1. Parcel 3501 (1220 W. Foothill Blvd.) Setting Just Compensation 3/18/15.

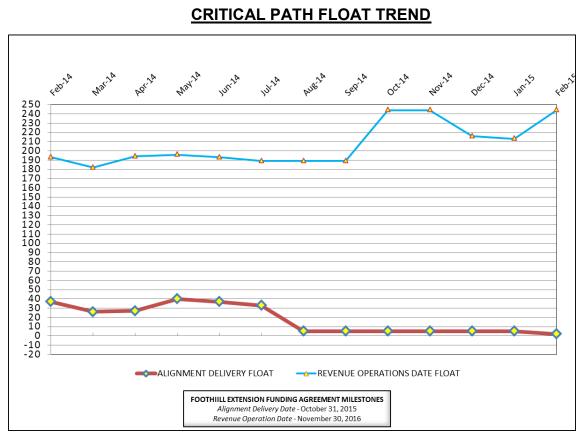


# **CRITICAL PATH SCHEDULE**

ity Name	OD	RD	AD	Start	Finish	Total Float	2012		20	)13	-	2014		1	2015		201	6
						rioal		3 Q4	Q1 Q2		4 Q1					Q4 Q1		
REVENUE OPERATIONS DATE - CRITICAL PATH																		-
RFP - LRV PROCUREMENT	375	0	557	18.0ct.10 08:00 A	26.Apr.12 15:00 A													
LRV FABRICATION / DELIVER 15 VEHCILES	1353	307	912	17.Aug.12 07:00 A	18.Dec.15 15:00	244							-					-
METRO - Pre-Revenue Operations - Phase 2A	60	60	0	19.Dec.15 07:00	16.Feb.16 15:00	244										-	a	=
METRO - Project Schedule Contingency (2 Mo.)	44	44	0	17.Feb.16 07:00	31.Mar.16 15:00	244										•	-	=
Phase 2A - Revenue Operations Date (ROD)	0	0	0		31.Mar.16 15:00*	244											•	-
ALIGNMENT DELIVERY DATE - CRITICAL PATH																		
TPSS No.3 - INSTALLATION & TESTING	32	20	107	18.Sep.14 07:00 A	13.Mar.15 15:00	1												
SYSTEMS INTERGRATION TESTING - PHASE 1	185	130	49	09.Dec.14 07:00 A	28.Aug.15 15:00	1									-			
OCS - TESTING - SEGMENT 2	20	20	0	16.Mar.15 07:00	10.Apr.15 15:00	1												
OCS - TESTING - SEGMENT 4	20	20	0	13.Apr.15 07:00	08.May.15 15:00	1								-0				
SYSTEMS INTERGRATION TESTING - PHASE 2	44	44	0	31.Aug.15 07:00	29.0ct.15 15:00	1									-	3		
C1135 - >>>SUBSTANTIAL COMPLETION - 1420 CD<<<	0	0	0		29.0ct.15 15:00*	2										•		
ALIGNMENT DELIVERY DATE - SECONDARY - CI	RITCA	L PA1	TH						-				-					
DUARTE STATION - COMMUNICATIONS INSTL / TEST	44	10	109	16.Sep.14 07:00 A	27.Feb.15 15:00	1												

#### METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY Monthly Project Status Report Period Ending: February 28, 2015





#### Revenue Operations Date Critical Path - (244 Calendar Days)

This period, Metro revised the procurement and installation schedule for the Rail Operations Center (ROC) upgrade. As a result, the critical path shifted from the ROC upgrade to the P3010 LRV procurement. At this time, Metro is forecasting the delivery of the 15th vehicle by December 2015. The critical path continues through Pre-Revenue Operations, which is expected to be completed by February 16, 2016. As a result, the float on this path improved one (1) month from the previous period. The Revenue Operations Date (ROD) is projected to be complete by March 31, 2016, which is eight (8) months ahead of the Funding Agreement Milestone date of November 30, 2016.

#### Alignment Delivery Date Critical Path - (2 Calendar Days / 1 Work Day)

This period, both the Traction Power Substation (TPSS) No.3 'Los Robles' installation/testing and the Duarte Station Communications installation/testing have slipped. As a result, both locations have become critical and are both on parallel critical paths. Upon the completion of TPSS No.3 'Los Robles', Segment 2 will be ready to begin testing the Overhead Contact System (OCS). The critical path continues through OCS testing in Segment 4, which will be followed by system integration testing. On the parallel path, after the Duarte Station communications LFAT testing is completed, the systems integration testing can begin. Upon the conclusion of systems integration testing, the alignment will be available for Metro to complete Pre-Revenue Operations.

Other elements of construction work, which are in progress and near critical are Segments 2 & 4 OCS installations; Irwindale Parking Structure, Irwindale Station mechanical/electrical/finish installations; Duarte parking lot; Citrus Station mechanical/electrical/finish installations; Citrus Parking Structure and the Maintenance & Operations Campus.

#### Project Float

The project float for the Revenue Operations Date is 244 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 slipped 3 days this period. The Alignment Delivery Date is currently 2 days ahead the October 31, 2015 deadline.



Description: Alignment Design / Build	Status: February 15, 2015
Contract No.: C1135	<b>Contractor:</b> Foothill Transit Constructors (Kiewit-Parsons J.V
Progress Completed This Period	Activities Planned Next Period
Design	Design
• Submit 100% Design - Irwindale Ave. / First St.	Submit AFC Design - Alameda Communications Book of Plans
<ul> <li>Submit - Preventative Maintenance Task Analysis Plan</li> </ul>	Submit AFC Design - Duarte Communications Book of Plans
Submit AFC Design - Citrus Communications Book of Plans	Submit AFC Design - M&O Communications Book of Plans
Submit AFC Design - Monrovia Comm. Book of Plans	Submit AFC Design - Invindale Communications Book of Plans
Submit - Spare Parts List	Submit AFC Design - Parking Struc. Communications Book of Plans
Submit - Tree Survey Report	Submit AFC Design - Irwindale Ramp
Construction	Construction
See "Construction Progress This Period"	See "Construction Progress Next Period"
Areas of Concern	Areas of Concern (Continued)
<ul> <li>Irwindale Parking Communications - The C1150 Design-Build Contractor is currently mitigating the shoring and utility delays, which impacted the start to the Irwindale pump station and MSE wall. The delays could potentially impact the C1135 Design-Build Contractor if the access to the parking facility is not granted by May 2015. The C1150 Design-Build Contractor has re-sequenced the Irwindale parking structure schedule and has plans to accelerate the concrete and elevator hoistway activities in order to provide access by the required date. At this time, the C1150 Design-Build Contractor is successful with the implementation and the execution of the mitigation plan. Currently, the parking facility is on target for access by May 2015.</li> </ul>	



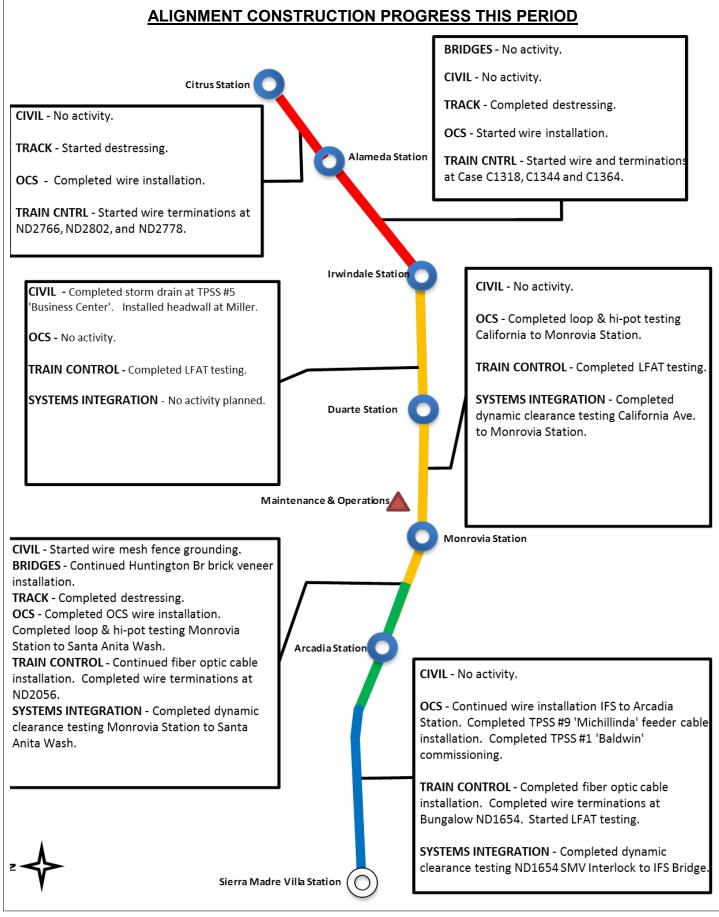
Description: Alignment Design / Build Status: February 15, 2015 Contract No.: C1135 Contractor: Foothill Transit Constructors (Kiewit-Parsons J.V.) Cost Summary: Cost Assessment: Million(s) This period the Contract forecast increased \$346 Thousand. The major increase CONTRACT was due to the following: CO 135 - Virginia TPSS Access for Delivery, and CO Contract Award Value: 485.9 136 - Rail Profile Grinding, PCO 094 - Add Pavers Duarte Sta. West Ramp, PCO Executed Change Orders: 17.8 105 - M&O Fire Alarm System, and PCO 106 - 1st/Santa Clara Noise Mitigations. The overall increase to the cost forecast was offset by a decreases due to the Current Contract Value: 503.7 Potential Change Orders: cancelation PCO 095.01 - M&O Paint Poles & Fixtures and reductions in the final 1.9 Current Forecast: negotiated price of CO 133 - Irwindale Ramp Signs. 505.5 Earned Value/Actual Cost 440.4 The Design-Build Contractor has earned 440.4 Million and is currently 90.0% AUTHORIZTION FOR EXPENDITURE complete. The progress is currently 7.8% behind the early planned curve, Budget 514.5 which is due to OCS installation progress in Segments 2, 4 and M&O. In addition Commitment 503.7 train control installation progress at Segment 2, and 4 is also behind the planned Balance 9.0 progress curve. Progress Curve 100% 90% 80% 70% 60% 50% 40% PERCENT COMPLETE 30% PLANNED (Early).....97.8% PLANNED (Late)......88.1% 20% 10% 0% Nat-1A Mayila Jania Sepila 18112 Maria Maria WIL Sept Novia NOT BUT NOT WAT TON'S WITS SEPT NOT BUT MATT MATT 111-24 - Early • • Late Actual **Contract Milestones** Schedule Summary: Contract Award: 07/27/11 Original Current Milestones Description Contract Contract Fo rec ast Variance Interim Notice to Proceed (INTP): 11/03/11 09/23/15 09/23/15 10/29/15 1 Substantial Completion (36)2 Punchlist Complete 06/19/16 06/19/16 07/25/16 (36) Original Contract Duration: 10/23/16 1.780 Calendar Davs 3 Final Completion 09/17/16 09/17/16 (36) 4 12/15/12 12/15/2012 A Access - IFS Br. 12/15/12 0 Current Contract Duration: Test Track Complete 03/27/15 03/27/15 04/22/15 5 (26)1.780 Calendar Davs 6 Colorado Br. Demo Complete 02/01/12 02/01/12 6/15/2012 A (135)Elapsed Time from NTP: 1.200 Calendar Days

#### Schedule Assessment:

With the progress continuing to trend at the rate of the late progress curve, activities in all Segments continue to approach near critical. The Design-Build Contractor continues to meet the requisite use of resources in order to meet the critical elements of the schedule. At this time, the primary activities which are critical or near critical by Segment are as follows: Segment 1 - Train Control Installation & TPSS commissioning, Segment 2 -OCS Installation, Segment 3 - Duarte Station Communications LFAT Testing, Segment 4 - OCS Installation, and Irwindale Station mechanical/electrical & finishes. Maintenance & Operations Facility - train control installation & testing, OCS Installation, Main Building Finishes, Car Wash Building.

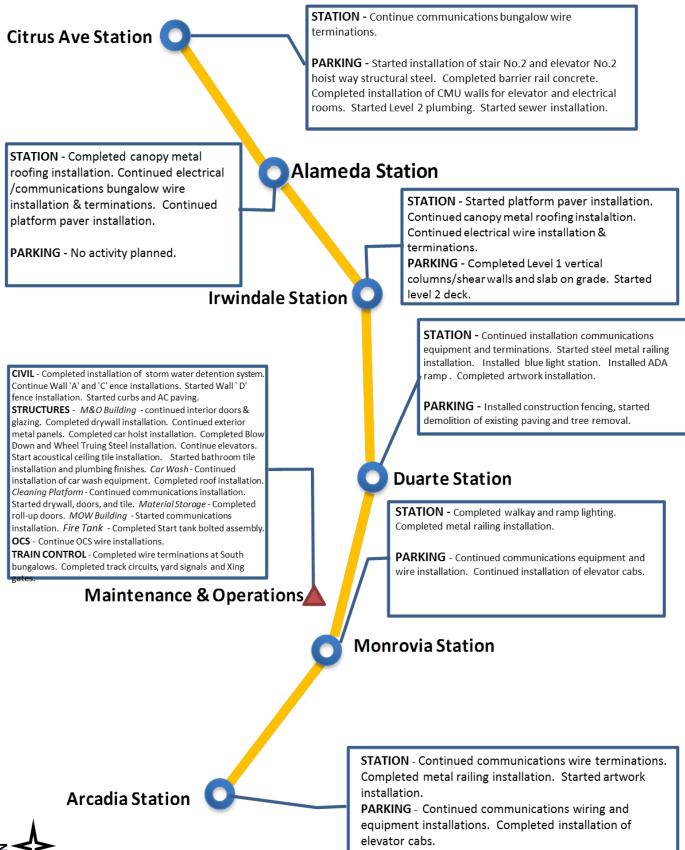
The Test Track Completion is forecast to be available on April 22, 2015, which is 26 days behind the target date.





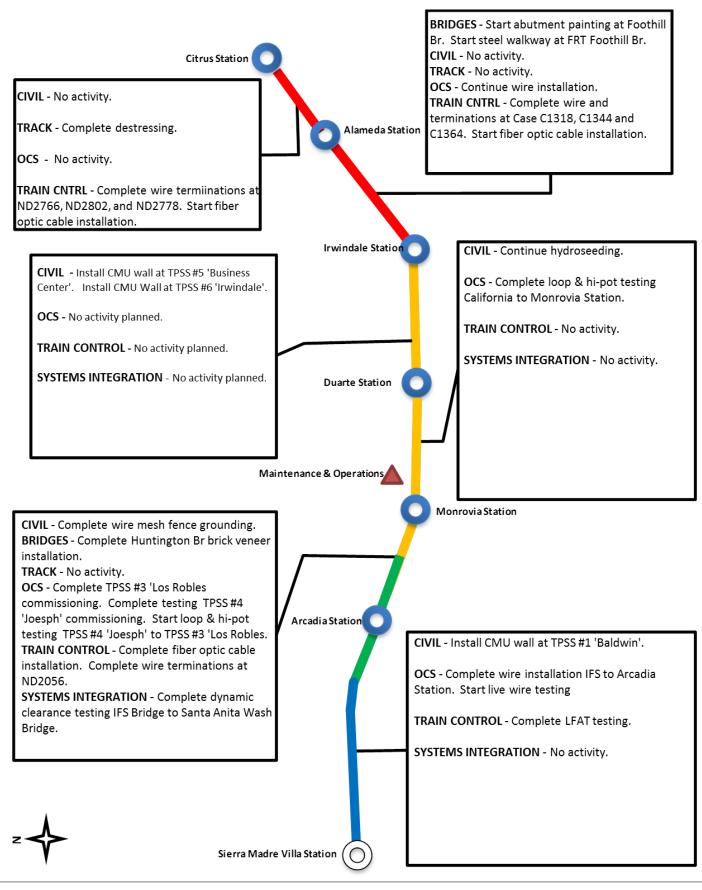






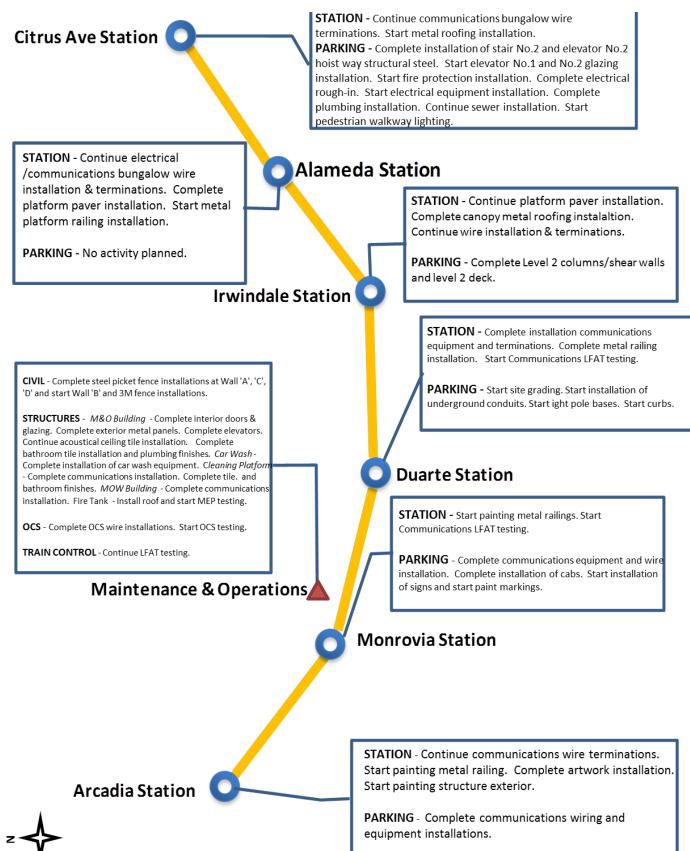


## ALIGNMENT CONSTRUCTION PROGRESS NEXT PERIOD





#### FACILITY CONSTRUCTION PROGRESS NEXT PERIOD





## ALIGNMENT CONSTRUCTION IMAGES

Segment 1: Sierra Madre Villa - Emergency Egress Stair Installation





Segment 2: 1st/Santa Clara - Gate Arm Installation and Adjustment

Segment 3: Monrovia Station - Guardrail Painting





#### ALIGNMENT CONSTRUCTION IMAGES (CONTINUED)



Segment 4: Irwindale Station Progress



Segment 4: Citrus to Barranca - Track Surfacing



Operations Campus: Solar Panel Installation on the MOW Canopy

#### Metro Gold Line Foothill Extension Construction Authority

406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Date: 3/4/2015

#### **Change Management Log**

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

Original Contract Amount:	\$485,867,000				
Approved Change Orders:	\$18,968,786	3.90%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$504,835,786		Pending Contract Total:	\$504,835,786	3.90%

# Change Orders

	Change		Initiated	Approved	Outstanding	Time	
Number	Management	Title	Date	Date	Days	Extension	Amount
EXECU	TED Chang	ge 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
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
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
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
Change Man	agement Risk Lo	g rev 2013-02-02 ADL					f_fthl_chm_log





406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Date: 3/4/2015 Page: 2 of 5

## **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					
)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		(\$263,11
37.00	137.00	CTS Redesign	7/12/2013	7/16/2013	4		\$58,21
38.00	138.00	Segment 4 Safety Manager	7/12/2013	7/16/2013	4		\$157,27
38.01	138.01	Segment 4 Safety manager - Part 2	11/19/2013	11/21/2013	2		\$72,96
38.02	138.02	Segment 4 Safety Manager - Part 3	4/3/2014	4/7/2014	4		\$82,27
39.00	085.00	M&O Drainage System Enhancements	7/19/2013	8/13/2013	25		\$251,5
40.00	067.00	Station Paver Changes	7/23/2013	8/13/2013	21		\$728,34
40.01	067.01	Rebar Changes for Station Pavers	10/28/2013	10/31/2013	3		\$10,5
41.00	112.00	12" Pasadena Waterline Potholes	8/12/2013	8/16/2013	4		\$19,7
42.00	150.00	Demo Abandoned Water Lines @ Dalton	8/12/2013	8/16/2013	4		\$5,9
43.00	007.01	Emer. Backup for Guideway Lighting	8/16/2013	10/1/2013	46		\$359,1
44.00	172.00	Contaminated Wood Culvert Sta. 1202	8/27/2013	8/28/2013	1		\$7,7
45.00	139.00	BLS Changes	8/28/2013	9/4/2013	7		\$110,8
46.00	165.00	Azusa-Alameda Station; 2nd Portal	8/28/2013	9/4/2013	7		\$77,1
47.00	145.00	St. Joseph drainage enhancements	9/4/2013	9/6/2013	2		\$17,5
48.00	149.00	M&O - Lights at NW Corner Park	9/4/2013	9/6/2013	2		\$29,3
49.00	174.00	TPSS #5 Cal-Am Power Conflict	9/4/2013	9/6/2013	2		\$127,2
50.00	171.00	Relocate Access Stair to Foothill	9/4/2013	9/6/2013	2		\$20,2
51.00	173.00	Dalton 8" Water Line Work	9/5/2013	9/12/2013	7		\$35,3
52.00	071.00	Duarte Rd Screen Wall Change	9/5/2013	9/17/2013	12		(\$133,86
53.00	176.00	Remove Contaminatd Wood-Buena Vista	9/10/2013	9/12/2013	2		\$5,5
54.00	147.00	DECCO Bypass	9/10/2013	9/12/2013	2		\$18,5
55.00	166.00	Foothill Blvd. Water/SD Relocation	9/20/2013	9/20/2013	0		\$127,0
56.00	186.00	Contaminated Wood @ San Gabriel Ave	9/23/2013	9/24/2013	1		\$4,2
57.00	194.00	California/Duarte Water Line Work	10/28/2013	10/31/2013	3		\$220,7
58.00	189.00	Four Utility Changes	10/28/2013	10/31/2013	3		\$14,1
59.00	180.00	Remove/Dispose of ACM E of Highland	10/30/2013	11/1/2013	2		\$29,3
60.00	179.00	CTS Upgrade to OC-192	10/30/2013	11/1/2013	2		\$112,5
61.00	213.00	Irwindale On-ramp Stockpile	11/8/2013	11/21/2013	13		\$200,1
62.00	053.00	Delete Totten Tubes Scope of Work	11/8/2013	11/21/2013	13		(\$143,80
63.00	146.00	Home Depot Striping and Signing	11/15/2013	11/21/2013	6		\$21,0
64.00	204.00	Unknown Duct Bank @ San Gabriel Ave	11/15/2013	11/21/2013	6		\$1,2
65.00	140.00	M&O-Overhead Work Platform Changes	12/5/2013	12/16/2013	11		\$317,6
66.00	217.00	Buried SD & Headwall, STA 1306+50	12/6/2013	12/17/2013	11		\$1,0
67.00	219.00	Contaminated Soil, Monrovia Station	12/12/2013	12/17/2013	5		\$17,5
68.00	220.00	DSC at Sawpit Wash Abutments	12/12/2013	12/17/2013	5		\$12,6
69.00	188.00	Costco Emergency Gate-Path to POS	1/21/2014	1/22/2014	1		\$19,8
70.00	214.00	M&O - Generator Load Bank	1/21/2014	1/22/2014	1		\$38,0
71.00	224.00	Alameda South Water Line Tie-in	1/30/2014	1/31/2014	1		\$6,3
72.00	202.00	Aesthetic Lighting Provisions-SGRB	2/3/2014	2/4/2014	1		\$27,0
73.00	160.00	Move Mountain Interlocking Bungalow	2/11/2014	2/13/2014	2		\$68,5
74.00	200.00	M&O Parts Carousel Warranty & PM	2/11/2014	2/13/2014	2		\$68,9
75.00	235.00	Remove Contaminated Wood Ties	2/14/2014	2/18/2014	4		\$4,5
76.00	234.00	Accelerate Work at California Ave	2/14/2014	2/18/2014	4		\$ <del>4</del> ,5 \$5,6
77.00	247.00	Line Stop in California	2/18/2014	2/20/2014	2		\$14,5
78.00	201.00	Added Sound Wall, SW of IFS	2/27/2014	2/28/2014	1		\$14,3
79.00	238.00	M&O-MOW Canopy Structural Eval	2/27/2014	2/28/2014	1		
9.00 79.01	238.00	M&O - MOW Canopy Solar	8/20/2014	8/26/2014	6		\$7,1 \$714 G
9.01 30.00							\$714,6
0.00	232.00	Car Moving Tractor-Coupler Upgrade	2/27/2014	2/28/2014	1		\$177,



406 East Huntington Drive, Suite 202

Monrovia, CA 91016

#### Date: 3/4/2015 Page: 3 of 5

## **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					
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
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		\$37,52
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
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
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		\$9,480 \$63,727
123.00	326.00	Santa Anita Avenue Bridge Lighting	12/8/2014	12/8/2014	0		
124.00	326.00 326.01	Santa Anita Avenue Bridge Lighting Santa Anita Bridge Lighting-Part 2	1/16/2015	1/19/2015	3		\$208,633
124.01	326.01		12/18/2014	12/19/2015	3 1		\$5,744
20.00	000.00	M&O - Interior Wall Revisions	12/10/2014	12/13/2014	1		\$43,78

Change Management Risk Log rev 2013-02-02 ADL





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

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e Orders					
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
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
						Subtotal:	\$18,968,786

**Change Management Log** 

Subtotal: \$18,968,786

Total:

\$18,968,786

Open PCO		CC	P	pen	0
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PCO Number	Title
OPEN	
022.04	M&O IT Changes - Furniture Interface
029.00	Del. Irwindale/Gladstone Mitigation
075.00	Comm. Changes Parking Structures
075.01	Add 2 ETELs to Duarte Parking Lot
080.00	Delete Evergreen / Myrtle Mitigation
084.00	M&O Service Vehicle Pathways
085.00	Joseph TPSS Power Feed Credit
087.00	ETEL/PTEL Faceplate Betterment
091.00	UP Tunnel Analysis & Modifications
092.00	Abandoned California Water Lines
096.00	Station Identifier Changes
098.00	M&O Facility - NW Corner Changes
100.00	Change Wayside Operational Signage
101.00	Peck Road Ramp
103.00	Tactile Guidance Tile at Stations
104.00	Striping/Signs at Station Ped Xings
107.00	Add APS @ 2 intersections in Duarte
108.00	M&O - Move East Lobby Wall

Open R	FCs		
RFC Number	Title		

#### OPEN

075.00	Grade X-ing Train Signal Changes CS
078.00	Addl Fence To Close Gaps at Alignmn
080.00	Irwindale Signal Case and Push But
093.00	Blk Wall Finish In the MO Fac CSP

#### Metro Gold Line Foothill Extension Construction Authority

406 East Huntington Drive, Suite 202 Monrovia, CA 91016 Date: 3/4/2015 Page: 5 of 5

#### **Change Management Log**

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

Open P	COs
PCO Number	Title
OPEN	
109.00	M&O Early Completion Milestone

## **Open RFC Notices**

Number	Title
037.00	DSC at Santa Anita Wash Abutment 1
044.00	DSC Utility at Azusa Avenue
086.00	Ground Grid Damaged at Citrus TPSS
088.00	Change to Exit Gate Procedure
098.00	Housekeeping Pads for Electrical Eq
099.00	Dispose of Haz Mat at Angelino Ave
100.00	MO Yard Signage Changes
102.00	Foothill Yard MOW Track Fouling Iss



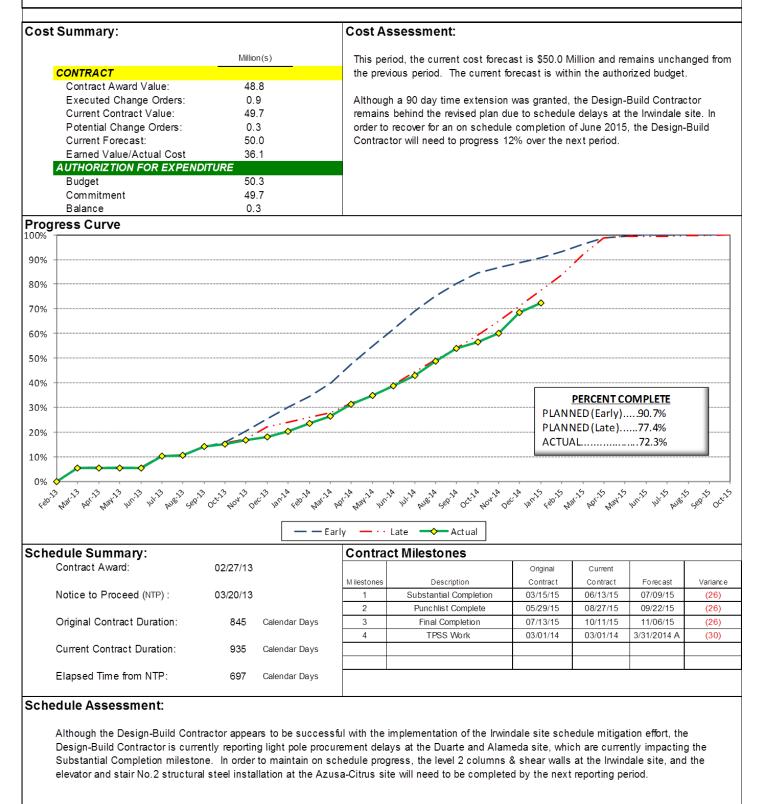
Contract No.: C1150	Contractor: Webcor Builders
<ul> <li>Progress Completed This Period</li> <li>Design <ul> <li>Submit AFC Design - Duarte Parking Lot</li> <li>Submit AFC Design - Duarte Parking Enhancements</li> <li>Submit AFC Design - Azusa-Alameda Enhancements</li> <li>Submit AFC Design - Irwindale Parking Structure (full set)</li> </ul> </li> </ul>	Activities Planned Next Period Design • Submit AFC Design - Irwindale Enhancements (full set) • Submit AFC Design - Signage
Areas of Concern • <i>IRWINDALE PARKING STRUCTURE RECOVERY</i> - The Design-Build Contractor has started to accelerate the Irwindale parking structure and has made a significant improvement by implementing a 6-day work week schedule. The Design-Build Contractor is currently on pace to complete the concrete structure and provide access to the C1135 - Alignment Design-Build Contractor before May 2015.	Areas of Concern (Continued) DUARTE PARKING LOT PROCUREMENT - The light pole procurement was incorporated into the Design-Build Contractor's schedule, and the projected duration for delivery is estimated to be four (4) months. As a result, there is a potential 1.5 month delay t the Substantial Completion milestone. The Authority will monitor procurement progress and will discuss potential alternatives to expedite the delivery of the light poles to minimize potential impacts to the Substantial Completion milestone.



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

Contract No.: C1150

Contractor: Webcor Builders





# PARKING FACILITY CONSTRUCTION IMAGES



#### Arcadia Parking Structure Site Overview



#### Monrovia Parking Structure Site Overview

Duarte Parking Lot Demolition



## PARKING FACILITY CONSTRUCTION IMAGES



<image>

Irwindale Parking Structure Site Overview



Azusa-Citrus Parking Structure Site Overview

Metro G

#### letro Gold Line Foothill Extension Construction Authority

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Date: 3/4/2015

# Change Management Log

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

Original Contract Amount:	\$48,750,000				
Approved Change Orders:	\$907,617	1.86%	Pending Change Orders:	\$16,295	0.03%
Current Contract Total:	\$49,657,617		Pending Contract Total:	\$49,673,912	1.90%

# Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e 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
						Subtotal:	\$907,617
						Subtotal:	\$907,617
PENDIN	G Change	Orders					
025.00	029.00	Metro-Requestd Elevator Vent Detail	2/12/2015		20		\$11,553
026.00	041.00	Azusa Citrus Grand Pylon Power	2/13/2015		19	_	\$4,742
						Subtotal:	\$16,295
						Subtotal:	\$16,295
						Total:	\$923,912

Open P	COs
PCO Number	Title
OPEN	
013.00	Primrose Avenue cul-de-sac Deletion
014.00	Delete Azusa-Alameda Enhancements
017.00	Michillinda Pull Box Replacement
018.00	Irwindale Kiosk Foundation

Open R	FCs
RFC Number	Title
OPEN	
007.00	Added PME Switch & 2 Spare Conduits
011.00	Comm. Duct Bank Interface with DB2
012.00	SCE Capacitor Bank at Michillinda T
013.00	ETEL Enclosures
016.00	Irwindale Added FH for LACFD Code C

#### Metro Gold Line Foothill Extension Construction Authority

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## **Change Management Log**

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

Open P	COs
PCO Number	Title
OPEN	
019.00	Michillinda TPSS Architectural Mods

Open R	FCs
RFC Number	Title
OPEN	
017.00	Elevator Holding Tanks

## **Open RFC Notices**

Number	Title
016.00	Irwindale Added FH for LACFD Code C
023.00	Generator for Monrovia Elevators
024.00	Relocate Monrovia Jobsite Trailers
025.00	CCTV Scope at Duarte Surface Lot



#### **AZUSA TO MONTCLAIR SEGMENT**

#### ACTIVITIES COMPLETED THIS PERIOD

Authority and City staff continued to hold coordination meetings to discuss the project. A draft of the Master Cooperative Agreement (MCA) was distributed to all cities for review in September 2014, after which all the cities met to discuss the terms of the MCA. The cities were scheduled to provide comments on the MCA to the Authority by November, and then by January but neither of those deadline were met. The cities provided comments in early February 2105, and the cities and Authority met on February 18th to discuss these comments. The MCA is expected to be agreed upon by all parties by April 30, 2015. The Authority and cities are working together to meet this deadline.

The Authority also continued to hold meetings with the Station Design Art Review (SDAR) committees from each city. Last November, the Authority conducted a tour of the Gold Line Phase 1 artwork and the Phase 2A Arcadia Transit Plaza for all SDAR members. Each Station Artist is developing concepts for the Station Artwork based on research of the cultural, historical and natural characteristics of their Station Area. These concepts will be presented at the upcoming Community Open Houses.

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
- Began surveying work
- Began geotechnical work
- Began Pomona parking facility conceptual design

#### **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

## February 28, 2015

	(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	777.0	33.5	479.9
Measure R - Azusa to Montclair	-	-	-	-
SANBAG	55.2	1.5	53.7	1.5
Federal TCSP	2.9	2.9	-	2.8
Federal Bus Intermodal Plan	9.0	9.0	-	4.6
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	818.2	1,131.8	516.6
	,		,	
	(a)	(b)	( C )	(d=a-b)
	Current	Current	Current	Current
	Current	Guilein	Current	Guilein
	Budget	Obligation	Expenditures	Available Balance
EXPENSES				
EXPENSES Program Management and Administration				
	Budget	Obligation	Expenditures	Available Balance
Program Management and Administration Master Cooperative Agreements	Budget 108.9	Obligation 99.0	Expenditures 96.4	Available Balance 9.9
Program Management and Administration	Budget 108.9 11.0	Obligation 99.0 3.3	Expenditures 96.4 2.7	Available Balance 9.9
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq	Budget 108.9 11.0 21.0	<b>Obligation</b> 99.0 3.3 21.0	Expenditures 96.4 2.7 19.7	Available Balance 9.9 7.7
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs	Budget 108.9 11.0 21.0 0.3	Obligation 99.0 3.3 21.0 -	Expenditures 96.4 2.7 19.7	Available Balance 9.9 7.7 - 0.3
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles	Budget 108.9 11.0 21.0 0.3 60.0	Obligation 99.0 3.3 21.0 - -	Expenditures 96.4 2.7 19.7 - -	Available Balance 9.9 7.7 - 0.3 60.0
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS	Budget 108.9 11.0 21.0 0.3 60.0 22.0	Obligation 99.0 3.3 21.0 - 22.0	Expenditures 96.4 2.7 19.7 - - 22.0	Available Balance 9.9 7.7 - 0.3 60.0
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS Construction - Pasadena to Azusa segment	Budget 108.9 11.0 21.0 0.3 60.0 22.0 19.8 328.9	Obligation 99.0 3.3 21.0 - 22.0 19.8	Expenditures 96.4 2.7 19.7 - - 22.0 19.8	Available Balance 9.9 7.7 - 0.3 60.0 - -
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS	Budget 108.9 11.0 21.0 0.3 60.0 22.0 19.8	Obligation 99.0 3.3 21.0 - 22.0 19.8	Expenditures 96.4 2.7 19.7 - - 22.0 19.8	Available Balance 9.9 7.7 - 0.3 60.0 - - - - - 1,181.0
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS Construction - Pasadena to Azusa segment Construction - Azusa to Montclair segment Construction - M&O	Budget 108.9 11.0 21.0 0.3 60.0 22.0 19.8 328.9 1,181.0	Obligation 99.0 3.3 21.0 - 22.0 19.8 328.9 -	Expenditures 96.4 2.7 19.7 - - 22.0 19.8 300.0	Available Balance 9.9 7.7 - 0.3 60.0 - -
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS Construction - Pasadena to Azusa segment Construction - Azusa to Montclair segment Construction - M&O Construction - Parking Structures	Budget 108.9 11.0 21.0 0.3 60.0 22.0 19.8 328.9 1,181.0 47.0 44.2	Obligation 99.0 3.3 21.0 - 22.0 19.8 328.9 - 44.0 44.2	Expenditures 96.4 2.7 19.7 - 22.0 19.8 300.0 - 35.1 36.1	Available Balance 9.9 7.7
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS Construction - Pasadena to Azusa segment Construction - Azusa to Montclair segment Construction - M&O Construction - Parking Structures MTA Project Costs	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	Obligation 99.0 3.3 21.0 - 22.0 19.8 328.9 - 44.0	Expenditures 96.4 2.7 19.7 - 22.0 19.8 300.0 - 35.1	Available Balance 9.9 7.7 - 0.3 60.0 - - - - 1,181.0 2.0 -
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS Construction - Pasadena to Azusa segment Construction - Azusa to Montclair segment Construction - M&O Construction - Parking Structures MTA Project Costs Contingency	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	Obligation 99.0 3.3 21.0 - 22.0 19.8 328.9 - 44.0 44.2 64.0	Expenditures 96.4 2.7 19.7 - 22.0 19.8 300.0 - 35.1 36.1 14.3	Available Balance 9.9 7.7 7. 0.3 0.3 60.0 7. 1,181.0 2.0 7. 2.0 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7. 7.
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS Construction - Pasadena to Azusa segment Construction - Azusa to Montclair segment Construction - Azusa to Montclair segment Construction - Parking Structures MTA Project Costs Contingency Project Reserve	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 14.5	Obligation 99.0 3.3 21.0 - 22.0 19.8 328.9 - 44.0 44.2 64.0 - -	Expenditures 96.4 2.7 19.7 - 22.0 19.8 300.0 - 35.1 36.1 14.3 - -	Available Balance 9.9 7.7 7. 0.3 60.0 7. 1,181.0 2.0 7. 1,181.0 7.
Program Management and Administration Master Cooperative Agreements Real Estate including ROW Acq Special Programs Procurement/Vehicles Maintenance and Operations Facility Land Construction - IFS Construction - Pasadena to Azusa segment Construction - Azusa to Montclair segment Construction - M&O Construction - Parking Structures MTA Project Costs Contingency	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	Obligation 99.0 3.3 21.0 - 22.0 19.8 328.9 - 44.0 44.2 64.0 -	Expenditures 96.4 2.7 19.7 - 22.0 19.8 300.0 - 35.1 36.1 14.3	Available Balan 6 1,18 2 1