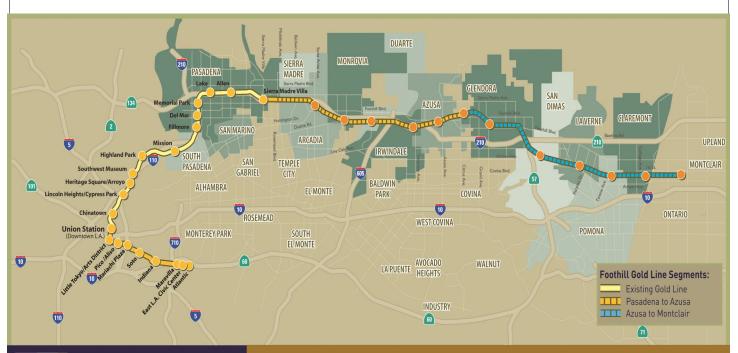
# Metro Gold Line Foothill Extension Project

# **Monthly Project Status Report**

May 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

#### **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. To date, all TPSS have been commissioned. This item is no longer an issue and will be removed from next month's Board report.



#### **KEY ACTIVITIES COMPLETED THIS PERIOD**

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

- Target SBE commitment: \$59,500,000
- o SBE percent committed versus value of Project: 16.94%
- Overall Authority Project SBE goal: 16%

FTC reports the following approximate safety statistics to date:

- o 2,058,641 total work hours performed by FTC, Mass Electric, and Subcontractors
- 13 recordable injuries reported to date
- o 4 lost time injuries reported to date

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

- o Target DBE commitment: \$1,121,250
- o DBE percent committed versus value of Project: 4.74%
- o Overall Authority Project DBE goal: 2.3%

Webcor reports the following approximate safety statistics to date:

- 195,332 total work hours performed by Webcor and Subcontractors
- o 1 recordable injuries reported to date
- o 0 lost time injuries reported to date

All Traction Power Supply Substations have been energized

Continued placement of art and architectural elements at all stations

Continued systems integration testing

Continued Communications Local Field Acceptance Testing (LFAT) throughout alignment

Held an open house and dedication ceremony at the completed Operations Campus

Began performing punch list walks with Metro

Completed stall striping at Arcadia and Monrovia parking structures

FTC completed installation of communication devices and wiring at Arcadia, Monrovia and Azusa-Citrus parking structures

Continued installation of Azusa-Citrus elevators and finalized construction of parking structure

Completed paving Duarte parking lot site

Continued elevator installation at Irwindale

Continued construction of elevators at Azusa-Citrus and finished painting the exterior of the parking structure



#### **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 system integration tests

Finalize construction of all Parking Facilities

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 1403 (99 N. Second Av.) Preparing to file in court. Also continuing to negotiate.
- 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.

#### • Monrovia:

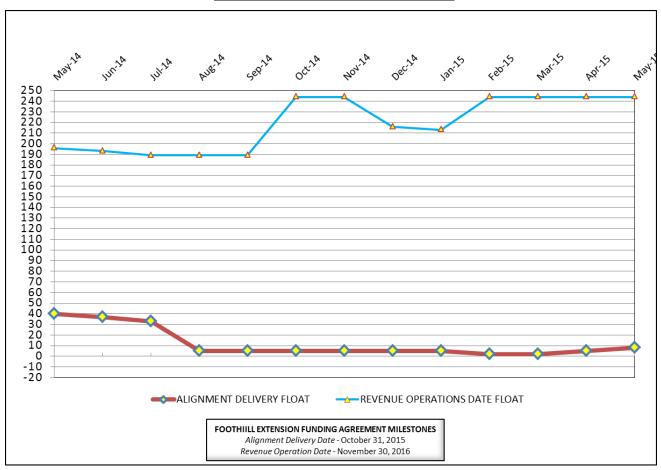
- 1. Parcel 1601 (Encino Av.) To be conveyed by the City of Monrovia.
- 2. Parcel 1903 (Monrovia Station) To be conveyed by the City of Monrovia.
- 3. Parcel 21A12 (3M Parking Lot) Finalizing.
- 4. Parcel 21A23 (Shamrock Trapezoid) Working with Attorney to determine ownership.



#### **CRITICAL PATH SCHEDULE** Activity Name Float Q2 Q3 Q4 Q1 Q2 Q3 Q4 REVENUE OPERATIONS DATE - CRITICAL PATH RFP - LRV PROCUREMENT 375 0 557 18.Oct.10 26.Apr.12 08:00 A 15:00 A LRV FABRICATION / DELIVER 15 VEHCILES 1353 218 1001 17.Aug.12 18.Dec.15 244 07:00 A 15:00 METRO - Pre-Revenue Operations - Phase 0 19.Dec.15 16.Feb.16 244 60 07:00 15:00 METRO - Project Schedule Contingency (2 0 17.Feb.16 31.Mar.16 15:00 07:00 Phase 2A - Revenue Operations Date (ROD) 31.Mar.16 244 15:00\* ALIGNMENT DELIVERY DATE - CRITICAL PATH TPSS No.10 - INSTALLATION & TESTING 52 12 128 18.Nov.14 01.Jun.15 5 07:00 A 15:00 SYSTEMS INTERGRATION TESTING - PHASE 1 70 113 09.Dec.14 24.Aug.15 185 07:00 A 15:00 OCS - TESTING - SEGMENT 4 0 19.May.15 08.Jun.15 15 07:00 15:00 SYSTEMS INTERGRATION TESTING - PHASE 2 0 25.Aug.15 23.Oct.15 07:00 15:00 C1135 - >>>SUBSTANTIAL COMPLETION - 1420 0 23.0ct.15 15:00\* CD<<< ALIGNMENT DELIVERY DATE - SECONDARY - CRITCAL PATH INTERLOCK '8' (ND2802) - TEST 5 44 16.Mar.15 18.May.15 10 2 07:00 A 15:00 INTERLOCK TEST SIGNAL CABLE ('7' to '8') 10 0 15.May.15 28.May.15 10 07:00 15:00 ALIGNMENT DELIVERY DATE - TERTIARY CRITICAL PATH IRWINDALE STA PARKING STRUCTURE -284 14.Apr.14 25.Jun.15 12 316 CONSTRUCTION 07:00 A 15:00 IRWINDALE PARKING STRUCTURE -45 9 04.May.15 02.Jul.15 12 35 07:00 A 15:00 COMMUNICATIONS INSTL / TEST



#### CRITICAL PATH FLOAT TREND



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

The critical path is currently running through 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. 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 - (8 Calendar Days / 5 Work Days)

This period, the Segment 4 OCS testing is the critical path. In addition, the Traction Power Substation at 'Soldano' must also be completed in time to support the Segment 4 OCS live wire test, which is necessary to complete the Segment 4 OCS testing. Upon completion of the OCS testing, Segment 4 will be ready to begin Phase 1 systems integration testing. 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 Segment 4 train control testing; Irwindale Parking Structure communications installation; Citrus Station communications installation; Irwindale Station communications installation; Irwindale Parking Structure; Duarte parking lot; 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 is 8 days and is currently on schedule to meet the October 31, 2015 deadline.

#### METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY

Monthly Project Status Report

Period Ending: May 31, 2015



**Description:** Alignment Design / Build **Status:** May 15, 2015

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

# Progress Completed This Period Design

#### oig.i

• Submit AFC Design - Irwindale Parking Structure Fire Alarm

#### Activities Planned Next Period

#### Design

- · Submit AFC Design Alameda Communications Book of Plans
- Submit AFC Design Irwindale Communications Book of Plans
- Submit AFC Design Parking Struc. Communications Book of Plans
- Submit AFC Design Monrovia Communications Book of Plans
- · Submit AFC Design Irwindale Ramp

#### Construction

· See "Construction Progress This Period"

#### Construction

See "Construction Progress Next Period"

#### Areas of Concern

Irwindale Parking Communications - The C1150 Design-Build Contractor progress at the Irwindale Parking Structure has started to slip. As a result, the C1135 Design-Build Contractor may be impacted if the C1150 Design-Build Contractor does not provide full access to the completed elevator cab and other mounting locations for communication devices. Delays to the communications installations will impact the LFAT and Phase 1 Systems Integration testing.

#### Areas of Concern (Continued)

Communications Installation - The communications installation
progress at the Citrus and Irwindale stations is starting to slip and
is approaching critical. Further delays may have an impact on the
completion of Phase 1 Systems Integration testing. The Authority
will continue monitor the field progress to ensure the installations
are completed per the schedule and eliminate the potential impact
to Phase 1 Systems Integration testing.

#### METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY

Monthly Project Status Report

Period Ending: May 31, 2015



**Description:** Alignment Design / Build **Status:** May 15, 2015

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

#### Cost Summary:

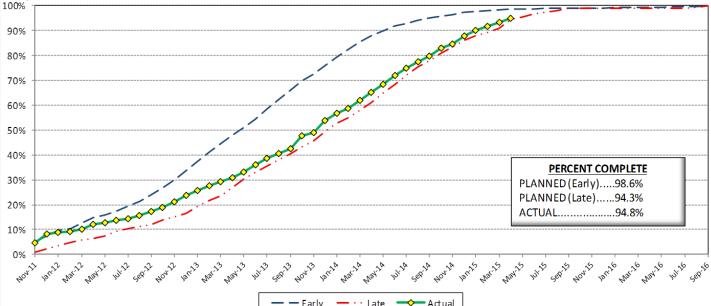
#### Million(s) CONTRACT Contract Award Value: 485.9 Executed Change Orders: 20.0 Current Contract Value: 505.9 Potential Change Orders: 5.4 Current Forecast: 511.3 Eamed Value/Actual Cost 468.0 AUTHORIZTION FOR EXPENDITURE Budget 514.5 Commitment 505.9 Balance 3.2

#### Cost Assessment:

This period the Contract forecast increased \$0.4 Million. The major increase was due to the following: CO 155 - M&O Early Completion Milestone, CO 156 - M&O Beaumont Acceleration for TCO, PCO 022.04 - M&O IT Changes Furniture Interface, PCO 104 - Striping / Signs at Station Ped Xings.

The current forecast is within the Authorized budget.

#### Progress Curve



#### Schedule Summary:

Contract Award:	07/27/11
Contract Award.	01/21/11

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: 1,289 Calendar Days

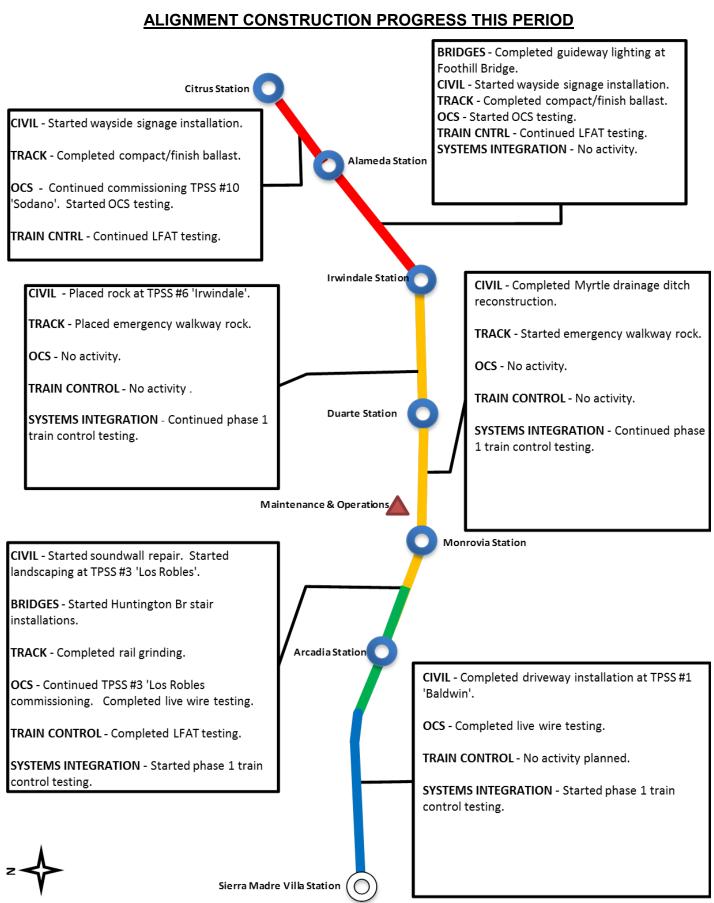
#### Contract Milestones

		Original	Current		
Milestones	Description	Contract	Contract	Forecast	Variance
1	Substantial Completion	09/23/15	09/23/15	10/23/15	(30)
2	Punchlist Complete	06/19/16	06/19/16	07/19/16	(30)
3	Final Completion	09/17/16	09/17/16	10/17/16	(30)
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:

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 4 - OCS testing, Train Control LFAT Segment 4, Segment 3 - Duarte Station Communications LFAT Testing, Fiber Optic Cable LFAT testing, and Irwindale Station Communications installation, Maintenance & Operations Facility - train control installation & testing.







#### **FACILITY CONSTRUCTION PROGRESS THIS PERIOD**

**Citrus Ave Station** 

STATION - Completed communications bungalow wire terminations. Completed metal roofing installation. Continued communications equipment installation. Started metal railing installation & steel picket fence. Installed platform lighting.

PARKING - Continued elevator glazing installation. Continued lay over room. Completed electrical equipment installation. Continued sewer installation. Completed elevator cab installations. Continued CCTV/PA/Fire Alarm/Telephone

STATION - Continued Communications
Equipment installation. Continued metal
picket fence. Painted metal platform
railing. Installed platform lighting.
Continued artwork installation. Started
map case installation. Install pylon.

**ENHANCEMENTS** - Started plaza site clearing.

Alameda Station

Irwindale Station

STATION - Completed metal railing installation.
Painted metal railing. Started Artwork installation.

**PARKING** - Continued installation of electrical equipment and wiring installation. Started fire protection. Started elevator cab installations. Completed barrier walls.

**STATION** - Continued Communications LFAT testing. Started map case installation. Completed platform paver installation.

PARKING - Continued installation of underground

driveways & sidewalks. Started fence installation.

conduits. Continued light pole bases. Started

CIVIL - Completed paving. Continued steel picket fence installations at Wall 'C', 'D' and started Wall 'B' and 3M fence installations. Completed North East Plaza flatwork & hardscape. Continued landscape irrigation. Completed pre-cast wall panels and wire mesh art fence. Completed site lighting.

STRUCTURES - M&O Building - Completed art wall installation. Completed acoustical ceiling tile installation. Completed carpet & vinyl flooring. Completed fire alarms. Started shop DC switch board. Car Wash - Completed lighting installation. Cleaning Platform - No activity. MOW Building - Completed lighting installation. Material Storage - Completed lighting installation. Guard House - Completed pre-fabricated structure installation. Started installation of finishes. Fire Tank - Started MEP testing.

OCS - Started live wire testing.

TRAIN CONTROL - Completed LFAT testing.

Duarte Station

**STATION** - Continued LFAT testing. Started artwork installation. Started map case installation.

PARKING - Completed Fire Alarm installation. Completed installation of signs and striping. Started elevator testing.

**Monrovia Station** 

Maintenance & Operations

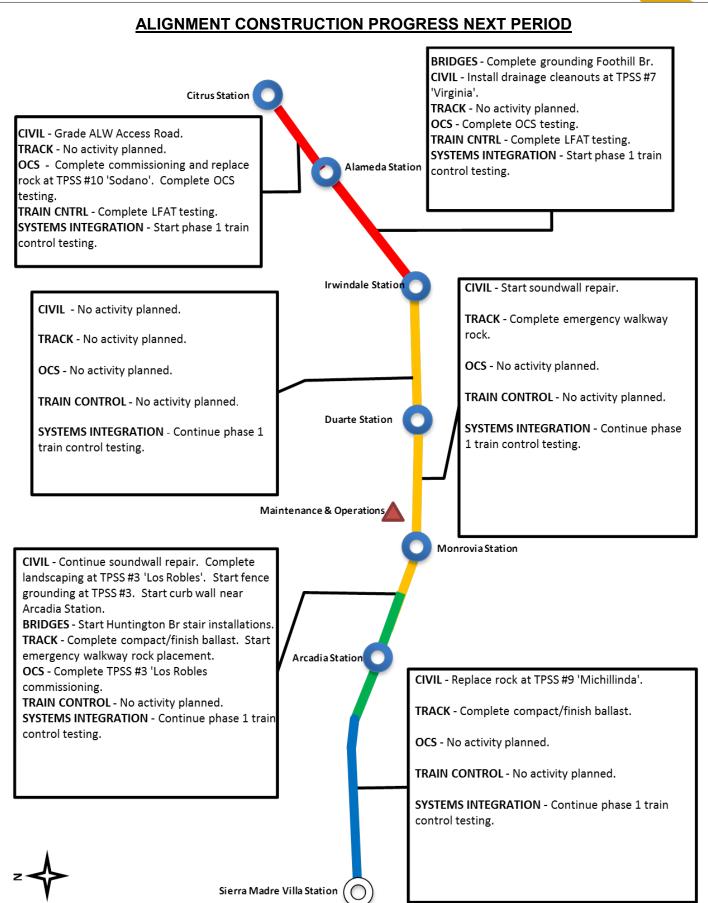
**Arcadia Station** 

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STATION - Continued artwork installation. Continued LFAT testing. Started map case installation.

PARKING - Completed Fire Alarm installation. Started LFAT testing. Completed signs & striping. Started St. Joseph landscape installation. Installed bike lockers. Installed expansion joints. Completed elevator testing.







#### **FACILITY CONSTRUCTION PROGRESS NEXT PERIOD**

**Citrus Ave Station** 

**STATION** - Complete communications equipment installation. Complete metal railing installation & steel picket fence. Complete platform lighting. Start Artwork installation. Install pylon.

**PARKING** - Complete elevator glazing installation. Complete lay over room. Complete walkway light pole installation. Complete sewer installation. Start elevator testing. Complete CCTV/PA/Fire Alarm/Telephone installation.

STATION - Complete communications equipment installation. Complete metal picket fence. Continue artwork installation. Complete map case installation. Install pylon.

**ENHANCEMENTS** - Install underground conduits. Start irrigation installation. Start grading. Install light pole bases.

Alameda Station

**STATION** - Complete map case installations. Install pylon. Start installation of Communications Equipment. Complete ramp landing.

PARKING - Complete permanent power. Complete fire protection. Complete elevator cab installations. Start glazing installation at elevator hoistway. Complete barrier walls. Complete pump station testing.

STATION - Complete Communications LFAT testing. Complete map case installations. Install pylon. PARKING - Complete installation of underground

**Irwindale Station** 

CIVIL - Complete paving . Complete steel picket fence installations at Wall 'C', 'D' and start Wall 'B' and 3M fence installations. Complete North East Plaza flatwork & hardscape. Complete landscape irrigation. Install pre-cast wall panels and wire mesh art fence. Complete site lighting. Start LRV Driveway installation.

STRUCTURES - M&O Building - Start art wall installation.
Complete acoustical ceiling tile installation. Complete carpet & vinyl flooring. Complete fire alarms. Continue shop DC switch board. Car Wash - Complete lighting installation. Cleaning Platform - No activity. MOW Building - Complete lighting installation. Material Storage - Complete lighting installation. Guard House - Install pre-fabricated structure. Start installation of finishes. Fire Tank - Start MEP testing.

Maintenance & Operations

OCS - Start livewire testing.

TRAIN CONTROL - Complete LFAT testing.

conduits. Complete light pole bases at parking lot.
Start light pole installations. Complete curbs and AC
paving at parking lot. Complete irrigation. Install
electrical meters. Complete metal picket fence.

#### **Duarte Station**

**STATION** - Complete LFAT testing. Continue artwork installation. Complete map case installation. Install pylon.

**PARKING** - Start elevator testing. Complete driveway replacement.

**Monrovia Station** 

**Arcadia Station** 

STATION - Complete LFAT testing. Complete map case installation. Install pylon.

**PARKING** - Complete LFAT testing. Complete St. Joseph landscape installation. Complete elevator testing.





# **ALIGNMENT CONSTRUCTION IMAGES**

Segment 1: Little Colorado - Paving Seal Coat





Segment 2: Arcadia Station - Column Bases

Segment 3: San Gabriel River Bridge - Concrete Punch List Work





# **ALIGNMENT CONSTRUCTION IMAGES (CONTINUED)**



Segment 4: Irwindale Station Slab on Grade PED Access

Operations Campus: Crowd Photo at Open House





Operations Campus: P-3010 LRV on exhibit at the Open House

#### Metro Gold Line Foothill Extension Construction Authority



406 East Huntington Drive, Suite 202

Monrovia, CA 91016

Date: 6/1/2015 Page: 1 of 5

## **Change Management Log**

# Project: C1135 Alignment - FTC Contract #: C1135

Original Contract Amount: \$485,867,000

Pending Change Orders: Approved Change Orders: 4.29% \$186,672 0.04% \$20,850,681 \$506,904,353 4.33%

Current Contract Total: \$506,717,681 Pending Contract Total:

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		\$
002.00	013.00	Colorado Bridge Haz Mat	5/17/2012	5/18/2012	1		\$121,38
002.01	013.01	Colorado Bridge HazMat - Final	9/5/2012	9/7/2012	2		\$13,16
003.00	001.00	Sound Wall Deletion - Duarte Road	7/12/2012	7/18/2012	6		(\$74,707
004.00	018.00	Revise Block Design - CBD Calc	8/23/2012	8/29/2012	6		\$3,98
004.01	018.01	Revise Block Design - CBD Calc - 2	9/5/2013	9/11/2013	6		\$
005.00	023.00	Wayside Signal Aspect Revision	9/6/2012	9/7/2012	1		\$26,07
005.01	023.01	Wayside Signal "Call On" Function	10/30/2013	11/1/2013	2		\$75,16
006.00	040.00	Arcadia Frieze, Bench-Artist Design	9/6/2012	9/10/2012	4		\$13,68
006.01	040.01	Arcadia Frieze, Bench-Construction	3/7/2013	3/12/2013	5		\$155,89
007.00	019.02	Soils Testing Abutments & Fdns	9/14/2012	9/18/2012	4		\$44,99
00.800	041.00	Unknown Utilities RFCN 005 006 008	9/14/2012	9/18/2012	4		\$132,45
009.00	038.00	Illuminate City Names @ Stations	9/18/2012	9/24/2012	6		\$184,65
010.00	046.00	SGRB - Lead Based Paint Remediation	9/21/2012	9/24/2012	3		\$244,53
011.00	004.00	Station Architectural Changes	10/11/2012	10/12/2012	1		\$443,95
012.00	003.01	Systems and Testing for Added TPSS	12/13/2012	12/14/2012	1		\$1,443,19
013.00	005.02	IDIQ Comm Contract (Rev 2)	12/14/2012	1/22/2013	39		\$698,25
014.00	060.00	Sewer Encasement Changes in Azusa	12/18/2012	1/24/2013	37		\$141,35
015.00	037.02	M&O - Materials Storage Revisions	12/26/2012	1/15/2013	20		\$62,86
015.01	037.03	M&O Storage Shelving Revisions	9/16/2013	9/19/2013	3		\$20,38
016.00	002.00	Relocation of Access Road to 3M Fac	12/26/2012	1/16/2013	21		\$53,81
017.00	025.00	3 Electrical Casings for ALW	2/27/2013	3/1/2013	2		\$219,03
018.00	073.00	Hazardous Abatement at Bridges	1/15/2013	2/6/2013	22		\$1,081,80
019.00	054.00	City of Hope Conduits	1/11/2013	1/22/2013	11		\$34,31
020.00	059.00	Citrus TPSS Transformer Pad Changes	2/6/2013	2/7/2013	1		\$34,53
021.00	075.00	Demo & Replace Palm Dr. Roadway	2/7/2013	2/14/2013	7		\$90,36
022.00	077.00	M&O Differing Site Conditions; Pt 1	2/13/2013	2/15/2013	2		\$66,36
022.01	093.00	M and O DSC T and M Work Part 2	3/8/2013	3/12/2013	4		\$66,62
022.02	103.00	M and O DSC Part 3	3/27/2013	3/28/2013	1		\$35,21
022.03	115.00	DSC at M and O Part 4	5/3/2013	5/7/2013	4		\$5,70
023.00	089.00	Contaminated Soil Abatement	2/26/2013	2/27/2013	1		\$422,06
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		\$27,69
026.00	070.00	Block Type Change at M&O Building	3/26/2013	3/26/2013	0		\$35,01
027.00	065.00	M&O IT Changes-Duct Banks/Conduits	3/26/2013	3/26/2013	0		\$88,65
027.01	065.01	M&O IT Changes - Power to WAP	9/4/2013	9/6/2013	2		\$73,04
027.02	065.02	M&O IT Changes - Remaining Work	7/16/2014	7/17/2014	1		\$155,99
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		\$226,08
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		\$67,81°
031.00	110.00	Rmv Abandoned Utility Line @ Dalton	4/23/2013	4/25/2013	2		
		• =			2		\$1,56
)32.00 )33.00	104.00	Highland Ave Abandoned CMP sleeves	5/1/2013 5/3/2013	5/3/2013	4		\$15,00 £4.71
,55.00	114.00	Remove contaminated wood culvert	5/3/2013	5/7/2013	4		\$4,71



Monrovia, CA 91016

Date: 6/1/2015 Page: 2 of 5

# **Change Management Log**

Project: C1135 Alignment - FTC Contract #: C1135

Chan	Change Orders						
Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e Orders					
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	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		\$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
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
Change Mar	nagement Risk Log	rev 2013-02-02 ADL					f_fthl_chm_log



Monrovia, CA 91016

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# **Change Management Log**

Project: C1135 Alignment - FTC Contract #: C1135

Chan	Change Orders						
Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECU	TED Chang	e Orders					
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 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
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		\$63,727
124.00	326.00	Santa Anita Avenue Bridge Lighting	12/8/2014	12/8/2014	0		\$208,633
Change Mar	nagement Risk Log	rev 2013-02-02 ADL					f_fthl_chm_log



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	ge Orders					
124.01	326.01	Santa Anita Bridge Lighting-Part 2	1/16/2015	1/19/2015	3		\$5,744
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
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
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
						Subtotal:	\$20,850,681
						Subtotal:	\$20,850,681
PENDIN	NG Change						
158.00	257.00	Comm. Changes Parking Structures	6/1/2015		0		\$186,672
						Subtotal:	\$186,672
						Subtotal:	\$186,672
						Total:	\$21,037,353

Open	PCOs	

PCO
Number Title

OPEN

022.04 M&O IT Changes - Furniture Interface

**Open RFCs** 

RFC Number Title

OPEN

051.00 Irwindale Ramp CSP



Monrovia, CA 91016

Date: 6/1/2015 Page: 5 of 5

## **Change Management Log**

# Project: C1135 Alignment - FTC Contract #: C1135

Open PCOs		
PCO	Tido	
Number	Title	
OPEN		
022.05	M&O IT Changes-OFCI Eqpt and A/V	
029.00	Del. Irwindale/Gladstone Mitigation	
075.01	Add 2 ETELs to Duarte Parking Lot	
080.00	Delete Evergreen / Myrtle Mitigation	
085.00	Joseph TPSS Power Feed Credit	
087.00	ETEL/PTEL Faceplate Betterment	
091.00	UP Tunnel Analysis & Modifications	
100.00	Change Wayside Operational Signage	
101.00	Peck Road Ramp	
103.00	Tactile Guidance Tile at Stations	
104.00	Striping/Signs at Station Ped Xings	
108.00	M&O - Move East Lobby Wall	
110.00	M&O Completion Items	

Open RFCs			
RFC			
Number	Title		
OPEN			
078.00	Addl Fence To Close Gaps at Alignmn		
088.00	Programming Changes for SCRRA Exit		
099.00	Remove Hazardous Waste at Angeleno		
102.00	Foothill Yard MOW Track Fouling Iss		
104.00	Pedestrian Grade Crossing Modificat		
112.00	Temporary FACP Monitoring for Parki		
115.00	MO Flooring Acceleration CSP		
118.00	Santa Anita Avenue Bridge Lighting		
120.00	Electrical Modifications to the Whe		
121.00	Additional Modifications to the Fir		
122.00	Upgrade of Elevators Requested by I		

# Open RFC Notices

Number	Title
018.04	MO Differing Site Conditions TM to
037.00	DSC at Santa Anita Wash Abutment 1
044.00	DSC Utility at Azusa Avenue
086.00	Ground Grid Damaged at Citrus TPSS
096.00	TPSS Metering Extension Changes
098.00	Housekeeping Pads for Electrical Eq
100.00	MO Yard Signage Changes
105.00	MO Facility Blow Down Pit Grating C
109.00	MO Main Entrance Changes
111.00	Move BLS at Azusa-Alameda Station
114.00	Changes to MO Landscaping
116.00	Added Paving at LRV Loading Drivewy
117.00	City of Hope Traffic Signal Conduit
123.00	Relocate the CICs at Stations

#### METRO GOLD LINE FOOTHILL EXTENSION CONSTRUCTION AUTHORITY

Monthly Project Status Report

Period Ending: May 31, 2015



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

Contract No.: C1150 Contractor: Webcor Builders

# Progress Completed This Period Design

• Submit AFC Design - Signage

# Activities Planned Next Period Design

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#### Areas of Concern

- IRWINDALE PARKING STRUCTURE RECOVERY The
  Design-Build Contractor continues to accelerate the
  Irwindale parking structure and has made a significant
  improvement by implementing a 6-day work week
  schedule. The Design-Build Contractor has provided
  partial access for the C1135 Alignment Design-Build
  Contractor. Full access is anticipated in late May 2015.
- ALAMEDA PLAZA UNDERGROUND CONDUITS The
  Design-Build Contractor has not started the installation
  of the underground conduits. The start of work was
  suspended pending a Readiness Review Meeting with
  the Azusa Light & Water Inspector. Although the scope of
  work is minimal at the Alameda site, the late start of this
  work may impact the Substantial Completion deadline.

#### Areas of Concern (Continued)

**DUARTE PARKING LOT PROCUREMENT** - In February 2015, the light pole procurement was incorporated into the Design-Build Contractor's schedule, and the projected duration for delivery was estimated to be four (4) months. As a result, there was a potential 1.5 month delay to the Substantial Completion milestone. In March 2015, the Design-Build Contractor revised the procurement duration to depict an expedited delivery of the light poles to minimize potential impacts to the Substantial Completion milestone.



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

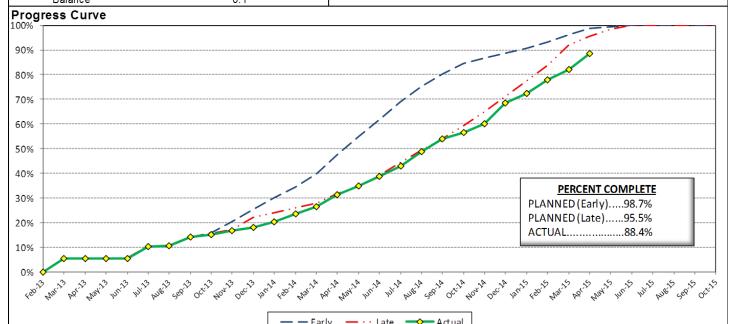
Contract No.: C1150 Contractor: Webcor Builders

#### Cost Summary:

#### Cost Assessment:

	Million(s)			
CONTRACT				
Contract Award Value:	48.8			
Executed Change Orders:	1.1			
Current Contract Value:	49.8			
Potential Change Orders:	0.3			
Current Forecast:	50.1			
Eamed Value/Actual Cost	44.1			
AUTHORIZTION FOR EXPENDITURE				
Budget	50.3			
Commitment	49.8			
Balance	0.1			

This period, the current cost forecast is 50.1 Million and is unchanged from the previous period. The current forecast is within the authorized budget.



Contract Award: 02/27/13

Notice to Proceed (NTP): 03/20/13

Original Contract Duration: 845 Calendar Days

Current Contract Duration: 938 Calendar Days

Elapsed Time from NTP: 786 Calendar Days

		Original	Current		
Milestones	Description	Contract	Contract	Forecast	Variance
1	Substantial Completion	03/15/15	06/16/15	06/25/15	(9)
2	Punchlist Complete	05/29/15	08/30/15	09/08/15	(9)
3	Final Completion	07/13/15	10/14/15	10/23/15	(9)
4	TPSS Work	03/01/14	03/01/14	3/31/2014 A	(30)

#### Schedule Assessment:

Schedule Summary:

The Design-Build Contractor has managed to mitigate a significant portion of the delay caused by the Union Pacific shoring delay. However, the mitigation effort appears will not be enough to overcome and complete the backlog of work by the June 16, 2015 dead line. The Design-Build Contractor will continue to accelerate the effort in order to minimize the schedule impact.

Contract Milestones

The critical path is currently running through the Irwindale parking structure elevator installation. The secondary critical path is currently running through the Citrus parking structure elevator hoistway glazing installation. Both the Duarte parking lot and Alameda plaza are near critical.



# PARKING FACILITY CONSTRUCTION IMAGES



Arcadia Parking Structure Site Overview and Landscaping



Monrovia Parking Structure Site Overview with Boulder



# PARKING FACILITY CONSTRUCTION IMAGES

**Duarte Parking Lot Site Overview** 





Irwindale Parking Structure Site Overview

Azusa-Citrus Parking Structure Site Overview



#### Metro Gold Line Foothill Extension Construction Authority



406 East Huntington Drive, Suite 202

Monrovia, CA 91016

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

# **Change Management Log**

# Project: C1150 Parking - Webcor Contract #: C1150

 Original Contract Amount:
 \$48,750,000

 Approved Change Orders:
 \$1,094,244
 2.24%
 Pending Change Orders:
 \$12,884
 0.03%

 Current Contract Total:
 \$49,844,244
 Pending Contract Total:
 \$49,857,128
 2.27%

Number	Change Managemer	nt Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount		
EXECU	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 - 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		
00.800	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	00.800	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		
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		
						Subtotal:	\$1,094,244		
						Subtotal:	\$1,094,244		
PENDIN	NG Change	e Orders							
029.00	043.00	Metro Requested Signage Betterments	4/10/2015		52		\$12,884		
						Subtotal:	\$12,884		
						Subtotal:	\$12,884		
						Total:	\$1,107,128		

### Metro Gold Line Foothill Extension Construction Authority



406 East Huntington Drive, Suite 202

Monrovia, CA 91016

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

# **Change Management Log**

# Project: C1150 Parking - Webcor Contract #: C1150

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

Open RFCs				
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			
016.00	Irwindale Added FH for LACFD Code C			
025.00	CCTV Scope at Duarte Surface Lot			
029 00	Irwindale Crash Wall Screen Revisio			

# Open RFC Notices

Number	Title		
024.00	Relocate Monrovia Jobsite Trailers		



#### **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 provided comments in early February 2015, 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 June 2015. The Authority and cities are working together to meet this deadline.

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
- Began conceptual design of the parking facilities

#### **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**

# May 31, 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	777.0	33.5	511.2
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	-	4.8
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	818.2	1,131.8	548.2
	(a)	(b)	(c)	(d=a-b)
	Current	Current	Current	Current
	Budget	Obligation	Expenditures	Available Balance
EXPENSES				
Program Management and Administration	108.9	102.9	100.2	6.0
Master Cooperative Agreements	11.0	3.3	2.8	7.7
Real Estate including ROW Acq	21.0	21.0	19.7	-
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	317.0	-
Construction - Azusa to Montclair segment	1,181.0	-	-	1,181.0
Construction - M&O	47.0	44.0	40.5	2.0
Construction - Parking Structures	44.2	44.2	46.3	-
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	650.1	582.6	1,299.9