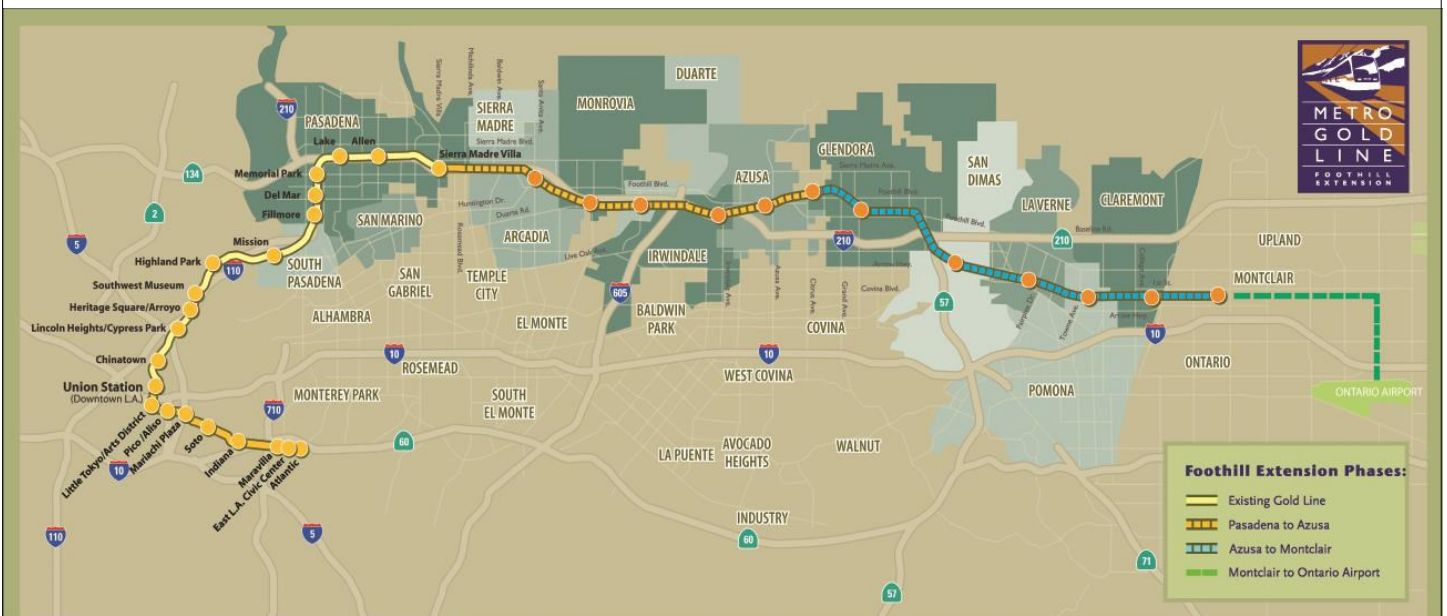


Metro Gold Line

Foothill Extension Project

Monthly Project Status Report

April 2014



Metro Gold Line

Connecting Los Angeles, the San Gabriel Valley and Inland Empire



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FOOTHILL EXTENSION PROJECT DESCRIPTION

The Authority's mandate is to plan, design and construct a 37-mile light rail link between Downtown Los Angeles and Claremont. In addition, the San Bernardino Associated Governments (SANBAG) has requested that planning be extended one mile inside San Bernardino County to the City of Montclair and then to Ontario Airport.

The Metro Gold Line Phase II (Foothill Extension) corridor includes the cities of Pasadena, Arcadia, Monrovia, Duarte, Irwindale, Azusa, Glendora, San Dimas, La Verne, Pomona, Claremont, and Montclair; and the counties of Los Angeles and San Bernardino (Figure 1). The Foothill Extension is estimated to cost approximately \$1.719 billion.

The Foothill Extension will be built in two segments to align effectively with projected cash flows and financial capacity constraints. The first segment is defined from the Sierra Madre Villa Station in Pasadena to the city of Azusa. Revenue service along this segment is planned for the year 2015. The second segment would include an extension from Azusa to the City of Montclair with revenue service projected for the year 2017 and the third segment will be comprised of an extension from Montclair to the Ontario Airport.

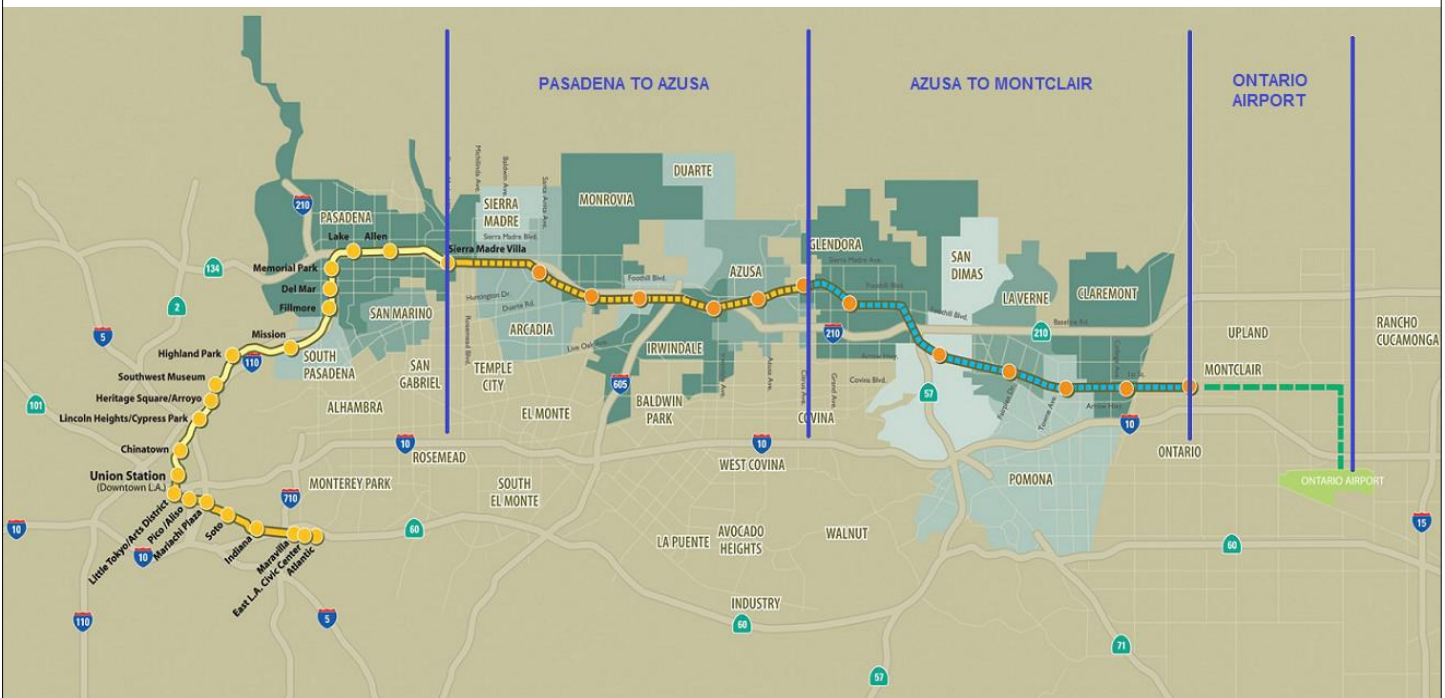


Figure 1: Metro Gold Line Foothill Extension Alignment



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 Delivery Dates

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. Currently, Metro's schedule indicates that the traction power substation delivery schedule is late. This is a major concern for the Authority as it has potential to impact the project schedule; however, staff is coordinating with Metro and FTC to ensure minimal impact to the project.

KEY ACTIVITIES COMPLETED THIS PERIOD

Staff continued to attend coordination meetings with cities along the alignment

Authority staff continues to meet with Metro staff to review and discuss the status of the Pasadena to Azusa segment

Held regular meetings with the C1135 (DB2) contractor, Foothill Transit Constructors (FTC) and participated in construction site visits and audits

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

- Current SBE commitment: \$ 59,500,000
- SBE percent committed versus value of Project: 17.79%
- Overall Authority Project SBE goal: 16%

FTC reports the following approximate safety statistics to date:

- 685,723 total work hours performed by FTC, Mass Electric, and Subcontractors
- 6 recordable injuries reported
- 0 lost time injuries reported

Webcor reports the following approximate safety statistics to date:

- 43,015 total work hours performed by Webcor and Subcontractors
- 0 recordable injuries reported
- 0 lost time injuries reported

Continued trackwork at the Gold Line Operations Campus (Campus) - 60% complete

Continued construction of light rail mainline track - 33% complete

Continued OCS and Site Lighting Pole erection at the Campus

Continued bridge work at Rosemead, Huntington, Kincaid, and Foothill

Continued work at Azusa-Downtown, Azusa-Citrus, Irwindale, Duarte, Monrovia and Arcadia stations

Continued construction of San Gabriel and Virginia grade crossing and began construction of Magnolia

Completed Myrtle grade crossing

Continued installation of freight track between San Gabriel River Bridge and San Gabriel Avenue

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

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

Continued construction of Arcadia, Monrovia, and Azusa-Citrus Parking Structures

Began work at the Irwindale Parking Structure

Completed paving of Irwindale intersection, pole installation to be completed shortly

KEY FUTURE ACTIVITIES

Continue discussions with corridor cities regarding the project

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

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

Continue to attend to any issues that may come up by the cities or other stakeholders along the alignment

Complete trackwork at the Campus

Complete construction of the bridges at Foothill, Kincaid, Huntington, and Rosemead

Complete construction of all stations

Finish work at Virginia and Magnolia grade crossings

Begin work at Mountain grade crossing

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

Finalize the following property acquisitions:

- Arcadia:

1. Parcel 1301a (Front St. Vacation) – Possession 5/29/14.
2. Parcel 1301b (Front St. Vacation) – Ready to close escrow.
3. Parcel 1308 (223 N. First Ave) – Settlement offer submitted for 5/28/14 Board meeting.
4. Parcel 6039 (325 N. Santa Anita Ave) – In escrow.

- Monrovia:

1. Parcel 1802 (1522 S. Mayflower Ave) – In escrow.
2. Parcel 6035/6030 (1602 S. Mayflower Ave) – In escrow.

- Duarte:

1. Parcel 6041/6042 (1500 Duarte Rd) – Accepted. Unable to get purchase and sale agreement signed by seller.

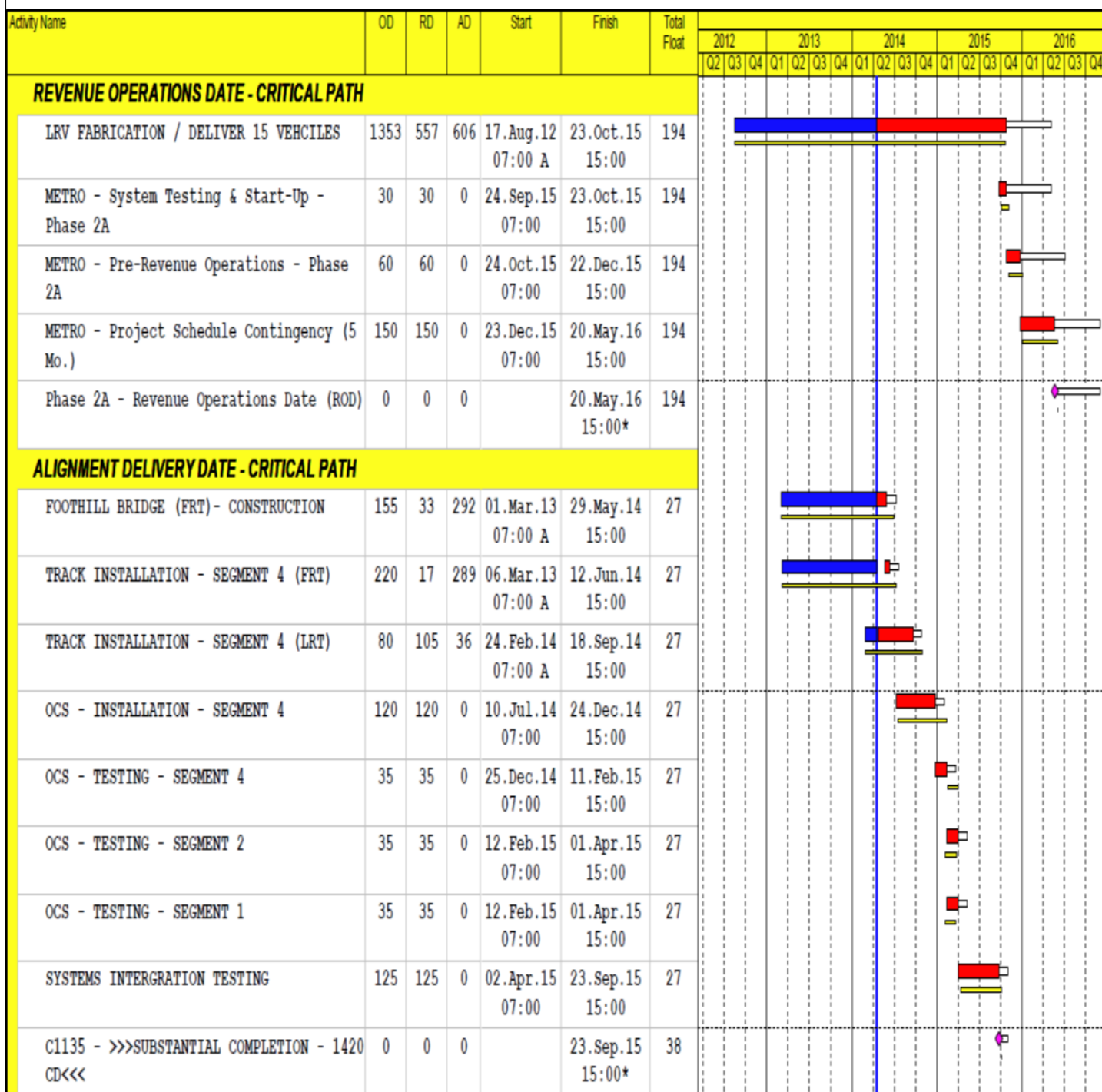
- Irwindale:

1. Parcel 3301a (Metro UP Alignment) – Accepted. Grant deed signed.

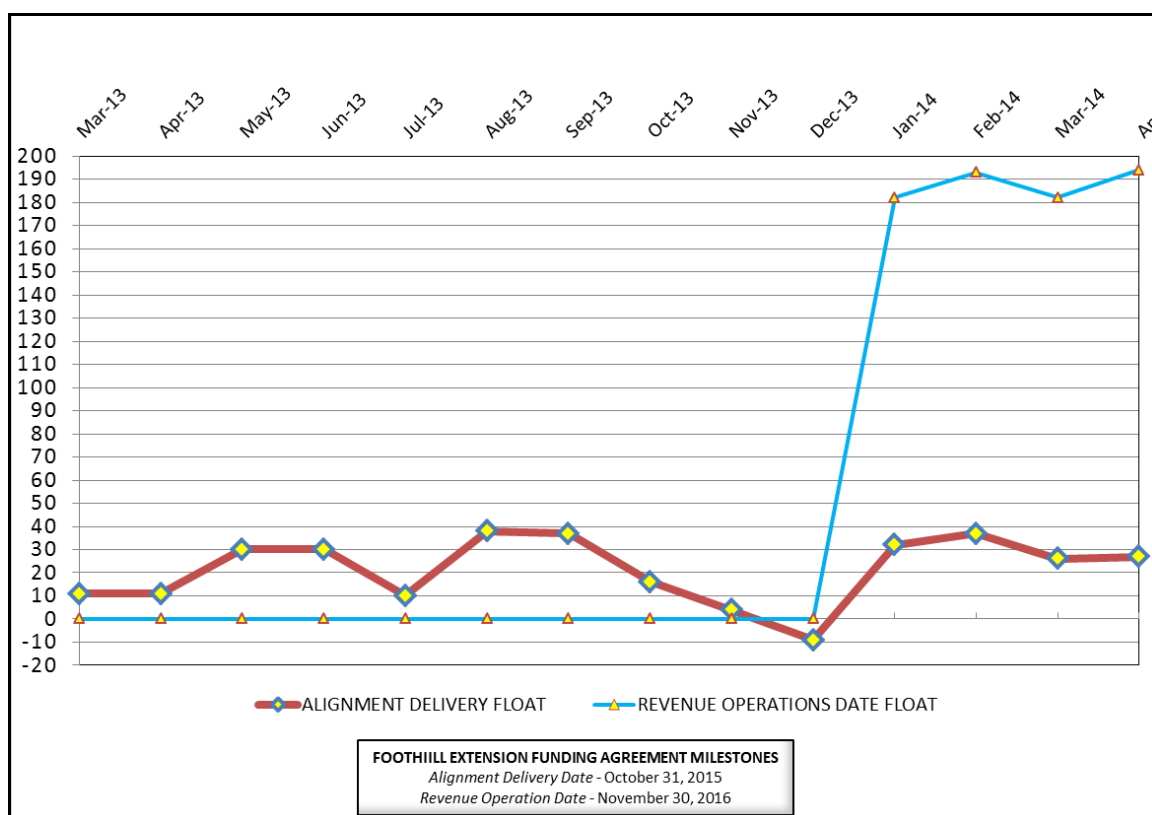
- Azusa:

1. Parcel 6033 (809 E. Santa Fe) – Negotiating with property owner.

CRITICAL PATH SCHEDULE



CRITICAL PATH FLOAT TREND



Revenue Operations Date Critical Path - (194 Calendar Days)

This period, the C1135 DB Contractor (FTC) resequenced the Huntington Bridge and the follow-on systems installation activities in Segment 2, which have mitigated the Substantial Completion and Alignment Delivery to September 23, 2015. The Metro Light Rail Vehicle Procurement has revised the forecast of the acceptance of the 15th of 78 vehicles to October 23, 2015. As result, the LRV procurement delivery has become the critical path for meeting the Revenue Operations Date. The critical path continues through Pre-Revenue Testing and five month schedule contingency. The anticipated ROD date is May 20, 2016. However, Metro is forecasting a March 2016 Revenue Operations Date.

Alignment Delivery Date Critical Path - (38 Calendar Days / 27 Work Days)

This period, FTC resequenced the Huntington Dr bridge installation and the follow-on systems installation activities in Segment 2. As result, the Foothill Blvd freight bridge installation has now emerged to the critical path for the Alignment Delivery. The critical path continues through the freight track installation, which will be followed by the completion of the Segment 4 LRT track installation. The remaining critical path continues through Segment 4 OCS installation and testing. Systems integration testing will commence after OCS testing is complete. Upon the completion of Systems Integration testing, FTC will achieve Substantial Completion and turn-over to Metro for Pre-Revenue Testing.

Other elements of construction work, which are in progress and near critical, are Rosemead Blvd bridge rehabilitation, Huntington Dr bridge shop drawing approval and fabrication, Segment 1 track installation, Segment 3 OCS installation, and Segment 2 retaining walls. Facility work, which is becoming near critical, includes Irwindale Station, Citrus Parking Structure, Irwindale Parking Structure, and the Maintenance & Operations Campus.

Project Float

The project float for the Revenue Operations Date increased to 194 days. The critical activities on this path are ahead of schedule to meet the Target Revenue Operations Date of November 2016. The Alignment Delivery Date float value slipped 11 days this period. The Alignment Delivery Date is currently 26 days ahead the October 31, 2015 deadline.



Description: Alignment Design / Build

Status: April 15, 2014

Contract No.: C1135

Contractor: Foothill Transit Constructors (Kiewit-Parsons J.V.)

Progress Completed This Period

Design

- Submit AFC Design - Bungalow Fire Alarms
- Submit AFC Design - Parking Structure Fire Alarms
- Submit AFC Design - Special Trackwork
- Submit AFC Design - TPSS Landscaping
- Submit AFC Design - Communications Fire Alarms
- Submit AFC Design - M&O Fence
- Submit AFC Design - Myrtle/Pomona Roadway Change

Construction

- See "Construction Progress This Period"

Activities Planned Next Period

Design

- Submit AFC Design - Myrtle/Pomona Roadway Change
- Submit AFC Design - 3M Lighting

Construction

- See "Construction Progress Next Period"

Areas of Concern

- **Huntington Bridge** - The Huntington Bridge shop drawing approval is near critical. The completion of the bridge is critical to support the final track installation by October 2014. The Design-Build Contractor will have to complete the bridge fabrication and delivery at an accelerated rate in order to meet the construction schedule requirements. The bridge, which will be fabricated in China must be delivered for installation by August 2014. Authority staff is closely monitoring the shop drawing submittal progress.

Areas of Concern (Continued)

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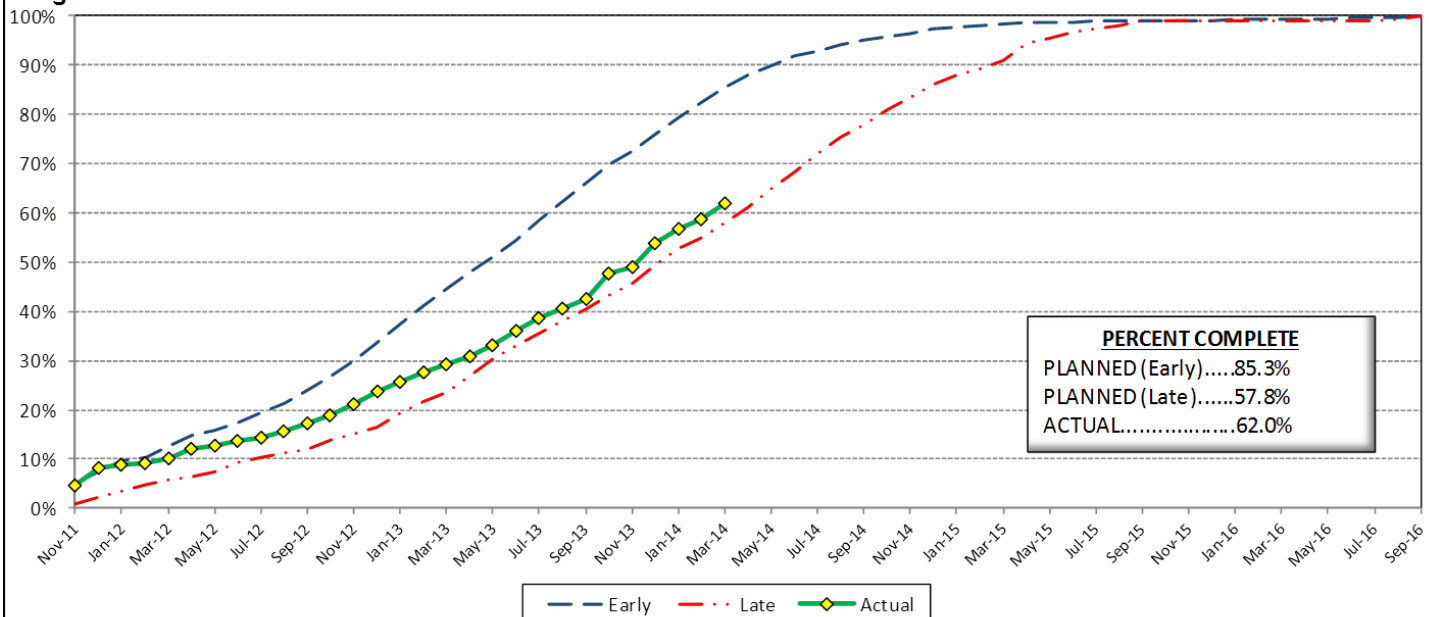
Description: Alignment Design / Build**Status:** April 15, 2014**Contract No.:** C1135**Contractor:** Foothill Transit Constructors (Kiewit-Parsons J.V.)**Cost Summary:**

	Million(s)
CONTRACT	
Contract Award Value:	485.9
Executed Change Orders:	9.8
Current Contract Value:	495.7
Potential Change Orders:	5.7
Current Forecast:	501.4
Earned Value/Actual Cost	301.2
AUTHORIZATION FOR EXPENDITURE	
Budget	507.9
Commitment	495.5
Balance	6.5

Cost Assessment:

This period the Contract forecast increased \$2.8 Million. The major increase were due to RFC 041 - *M&O Fire Water Tank*, PCO 068.01 - *M&O MOW Canopy Solar*, PCO 074 - *Monrovia Interlocking LCP Changes*, CO 091 - *Alameda Utility Changes*, PCO 071 - *Remove Stem Wall Along Duarte Rd*, and PCO 075 - *Comm Changes at Parking Structures*.

The Design-Build Contractor has earned 301.2 Million and is currently 62.0% complete. The progress is currently 23.2% behind the early planned curve, which is due to fabrication and delivery progress for materials such as Special Track Work, Steel Bridge Girders and M&O Equipment. In addition, the Segment 3 track work installation and Azusa Citrus and Alameda Stations are behind the baseline plan.

Progress Curve**Schedule Summary:**

Contract Award:	07/27/11
Interim Notice to Proceed (INTP):	11/03/11
Original Contract Duration:	1,780 Calendar Days
Current Contract Duration:	1,780 Calendar Days
Elapsed Time from NTP:	894 Calendar Days

Contract Milestones

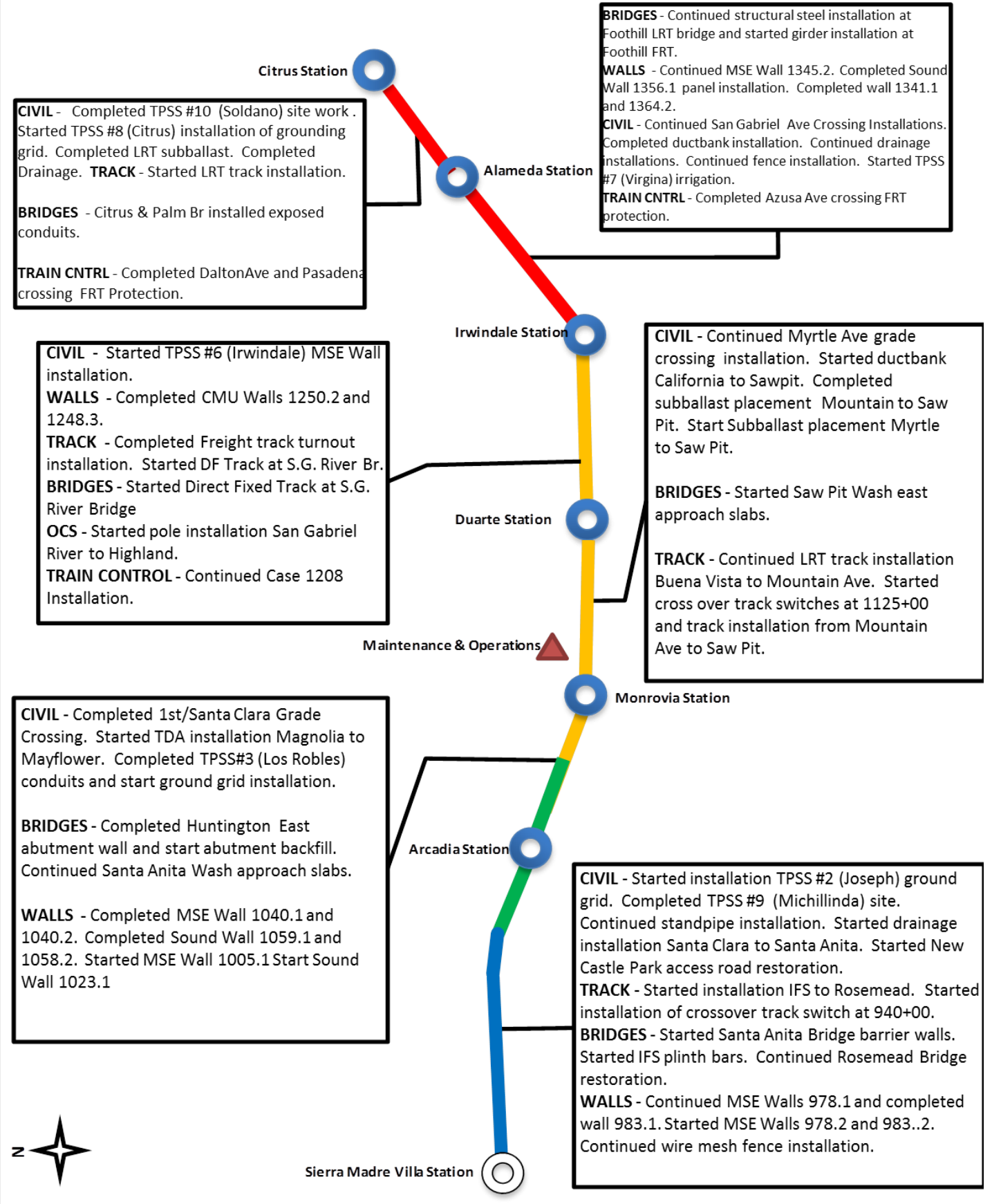
Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	09/23/15	09/23/15	09/23/15	0
2	Punchlist Complete	06/19/16	06/19/16	06/19/16	0
3	Final Completion	09/17/16	09/17/16	09/17/16	0
4	Access - IFS Br.	12/15/12	12/15/12	12/15/2012 A	0
5	Test Track Complete	03/27/15	03/27/15	04/05/15	(9)
6	Colorado Br. Demo Complete	02/01/12	02/01/12	6/15/2012 A	(135)

Schedule Assessment:

The critical path improved (12) days from the previous period. The schedule improvement is due to re-sequencing the Huntington Bridge rehabilitation in advance of the Huntington Bridge steel girder installation. In addition, the follow on Segment 2 train control installations have also been re-sequenced to optimize labor resources. As result, the Foothill Freight Bridge installation has re-emerged as the critical path. The remainder of the critical path continues through the completion of the Segment 4 FRT and LRT track installation, which will be followed by OCS installation and testing. Other areas which are near critical include: Huntington Bridge, Irwindale Station, Rosemead Bridge, Direct Fixed Track at IFS and San Gabriel River Bridge.

The Test Track Completion is forecast to be available on April 5, 2015, which is 9 days behind the target date.

ALIGNMENT CONSTRUCTION PROGRESS THIS PERIOD



FACILITY CONSTRUCTION PROGRESS THIS PERIOD

Citrus Ave Station

STATION - Completed installation of platform walls. Started platform deck. Continued installation of conduits.

PARKING - Started site mobilization.

STATION - Continued South platform deck. Completed North Platform walls. Started North Platform Deck. Continued North platform conduits.

PARKING - No activity planned.

Alameda Station

STATION - Started platform footings , and continued the installation of grounding & conduits.

PARKING - Completed N. Irwindale Phase 3

Irwindale Station

CIVIL - Started Shamrock 24" waterline. Completed Shamrock 8" waterline. Continued 6" sewer installation.

WALLS - Started screen wall foundations.

TRACK - Continued Ballast and track installation at North Storage Track and Turnout Switches.

STRUCTURES - *M&O Building* continued structural steel installation and completed the installation of 2nd floor metal decking and started concrete deck. Started 3rd floor metal decking. *Car Wash* - Continued foundation slab. *Cleaning Platform* - Started canopy and sanding equipment installations. *Material Storage* - no activity.

OCS - Continued poles and hardware installation at North Storage track area.

STATION - No activity.

PARKING - No activity.

Duarte Station

STATION - Continued ramp walls and deck at North and South Platforms. Started canopy structural steel installation.

PARKING - Started installation level 1 columns and shear walls. Started installation of CMU Ramp Walls. Started level 1 mechanical/electrical . Completed elevator pit invert and started elevator pit walls

Maintenance & Operations

Monrovia Station

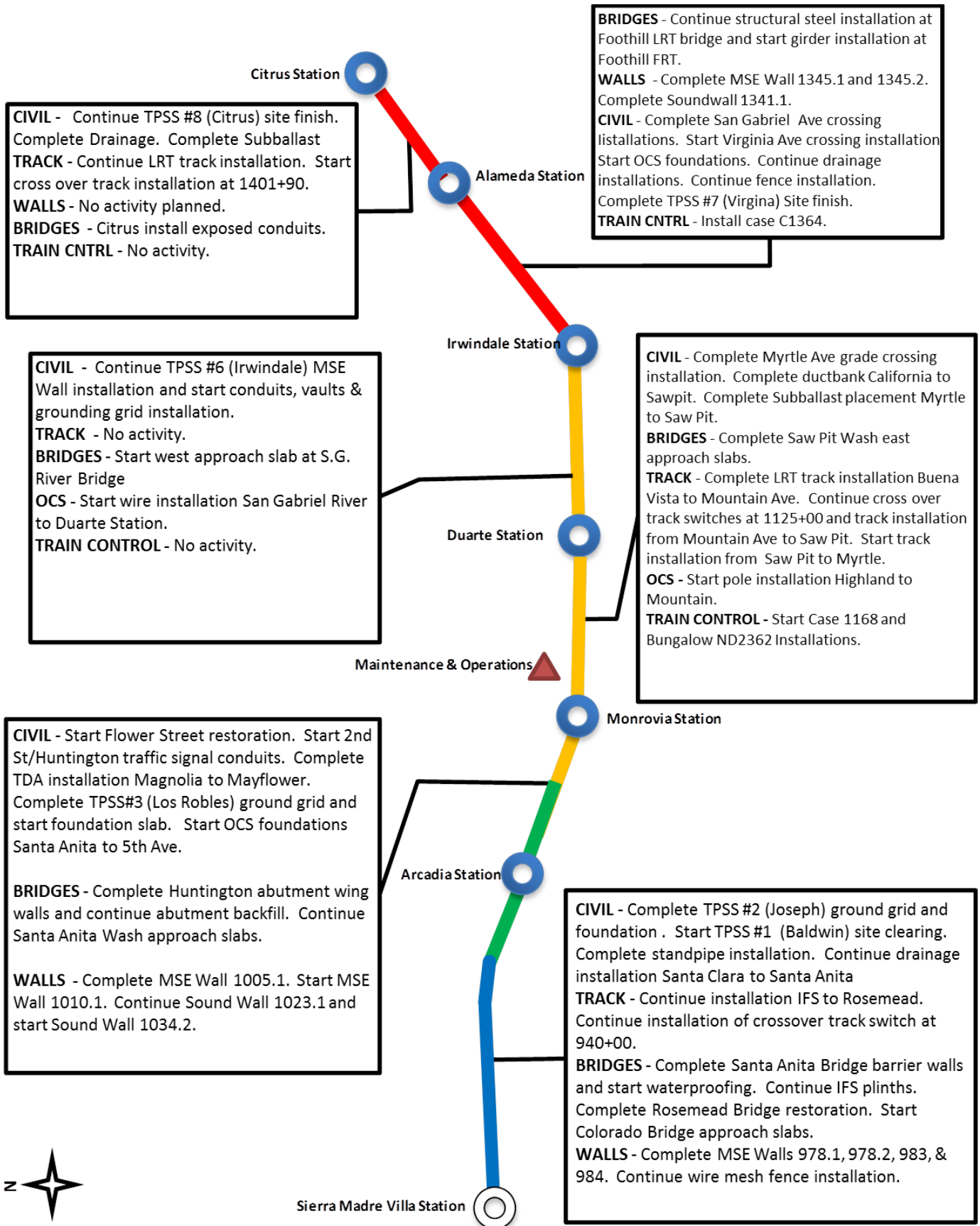
STATION - Continued ramp footings and walls.

PARKING - Continued installation level 1 columns and shear walls. Started installation of CMU Ramp Walls. Started level 1 mechanical/electrical . Started slab on grade concrete. Completed elevator pit invert and started elevator pit walls.

Arcadia Station



ALIGNMENT CONSTRUCTION PROGRESS NEXT PERIOD



FACILITY CONSTRUCTION PROGRESS NEXT PERIOD

Citrus Ave Station

STATION - Complete platform access ramps and stairs.
PARKING - Complete the installation of shoring beams. Start level 1 excavation and lagging.

STATION - Start platform access ramps and stairs.

PARKING - No activity planned.

Alameda Station

STATION - Complete North and South platform footings and start platform walls.

PARKING - Start site excavation for MSE wall and stockpiling for Soil Nail wall. Complete demolition of existing pump station. Start pump station invert.

Irwindale Station

CIVIL - Complete Shamrock 24" waterline. Complete 6" sewer installation. Start water line lateral connections.
WALLS - Complete screen wall foundations. Start screen wall post installation.

TRACK - Complete Ballast and track installation at North Storage Track and Turnout Switches. Start installation of embedded track at Car Wash and MOW.

STRUCTURES - *M&O Building* continue structural steel installation. Continue 2nd floor concrete deck. Complete 3rd floor metal decking. *Car Wash* - Complete foundation slab. *Cleaning Platform* - Complete canopy and sanding equipment installations. Start canopy painting. *Material Storage* - Complete structural steel painting. Start CMU walls and metal panels. *MOW Building* - Start CMU Walls.

OCS - No activity planned.

STATION - Complete structural steel canopy painting. Start underplatform conduit installation and plumbing.

PARKING - No activity planned.

Duarte Station

STATION - Complete stairs and access ramps. Start structural steel canopy painting. Start underplatform conduit installation.

PARKING - Complete Level 1 columns and shear walls. Complete underground drainage installation. Continue CMU Ramp walls. Start slab on grade placement.

Maintenance & Operations

Monrovia Station

STATION - Complete stairs and access ramps. Start structural steel canopy painting.

PARKING - Complete CMU Ramp backfill and slab on grade. Complete Level 1 slab on grade. Start Level 2 deck. Start Biofiltration drainage.

Arcadia Station



ALIGNMENT CONSTRUCTION IMAGES

Segment 1: Track Work



Segment 2: Huntington Bridge -
Backwall Form / Rebar

Segment 3: Monrovia Station -
Canopy Paint Progress



ALIGNMENT CONSTRUCTION IMAGES (CONTINUED)



Segment 4: Foothill Bridge - Backwall Construction

Operations Campus: MOW Storage Building
Exterior CMU Work



Operations Campus: Paint Shop
Structural Steel Framing



Change Management Log

Date: 4/30/2014

Page: 1 of 4

Project: C1135 Alignment - FTC Contract #: C1135

Original Contract Amount:	\$485,867,000				
Approved Change Orders:	\$10,038,155	2.07%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$495,905,155		Pending Contract Total:	\$495,905,155	2.07%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
001.00	000.00	Interim NTP	11/3/2011	11/3/2011	0		\$0
002.00	013.00	Colorado Bridge Haz Mat	5/17/2012	5/18/2012	1		\$121,382
002.01	013.01	Colorado Bridge HazMat - Final	9/5/2012	9/7/2012	2		\$13,164
003.00	001.00	Sound Wall Deletion - Duarte Road	7/12/2012	7/18/2012	6		(\$74,707)
004.00	018.00	Revise Block Design - CBD Calc	8/23/2012	8/29/2012	6		\$3,986
004.01	018.01	Revise Block Design - CBD Calc - 2	9/5/2013	9/11/2013	6		\$0
005.00	023.00	Wayside Signal Aspect Revision	9/6/2012	9/7/2012	1		\$26,072
005.01	023.01	Wayside Signal "Call On" Function	10/30/2013	11/1/2013	2		\$75,169
006.00	040.00	Arcadia Frieze, Bench-Artist Design	9/6/2012	9/10/2012	4		\$13,683
006.01	040.01	Arcadia Frieze, Bench-Construction	3/7/2013	3/12/2013	5		\$155,894
007.00	019.02	Soils Testing Abutments & Fdns	9/14/2012	9/18/2012	4		\$44,993
008.00	041.00	Unknown Utilities RFCN 005 006 008	9/14/2012	9/18/2012	4		\$132,450
009.00	038.00	Illuminate City Names @ Stations	9/18/2012	9/24/2012	6		\$184,657
010.00	046.00	SGRB - Lead Based Paint Remediation	9/21/2012	9/24/2012	3		\$244,536
011.00	004.00	Station Architectural Changes	10/11/2012	10/12/2012	1		\$443,950
012.00	003.01	Systems and Testing for Added TPSS	12/13/2012	12/14/2012	1		\$1,443,193
013.00	005.02	IDIQ Comm Contract (Rev 2)	12/14/2012	1/22/2013	39		\$698,259
014.00	060.00	Sewer Encasement Changes in Azusa	12/18/2012	1/24/2013	37		\$141,354
015.00	037.02	M&O - Materials Storage Revisions	12/26/2012	1/15/2013	20		\$62,862
015.01	037.03	M&O Storage Shelving Revisions	9/16/2013	9/19/2013	3		\$20,380
016.00	002.00	Relocation of Access Road to 3M Fac	12/26/2012	1/16/2013	21		\$53,814
017.00	025.00	3 Electrical Casings for ALW	2/27/2013	3/1/2013	2		\$219,033
018.00	073.00	Hazardous Abatement at Bridges	1/15/2013	2/6/2013	22		\$1,081,803
019.00	054.00	City of Hope Conduits	1/11/2013	1/22/2013	11		\$34,313
020.00	059.00	Citrus TPSS Transformer Pad Changes	2/6/2013	2/7/2013	1		\$34,536
021.00	075.00	Demo & Replace Palm Dr. Roadway	2/7/2013	2/14/2013	7		\$90,365
022.00	077.00	M&O Differing Site Conditions; Pt 1	2/13/2013	2/15/2013	2		\$66,360
022.01	093.00	M and O DSC T and M Work Part 2	3/8/2013	3/12/2013	4		\$66,625
022.02	103.00	M and O DSC Part 3	3/27/2013	3/28/2013	1		\$35,211
022.03	115.00	DSC at M and O Part 4	5/3/2013	5/7/2013	4		\$5,706
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
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
035.00	083.00	M&O Vehicle Sanding System Changes	5/21/2013	5/24/2013	3		\$27,463



Change Management Log

Date: 4/30/2014

Page: 2 of 4

Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
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
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
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



Change Management Log

Date: 4/30/2014

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Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
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
089.00	261.00	Longer DF Bolts - SGRB	4/3/2014	4/7/2014	4		\$17,331
090.00	169.02	M&O Trimming Table Changes (rev. 2)	4/11/2014	4/14/2014	3		\$54,083
091.00	181.00	Alameda Utility Changes	4/11/2014	4/14/2014	3		(\$9,599)
092.00	241.00	Business Center TPSS Crane Changes	4/23/2014	4/28/2014	5		\$13,655
093.00	276.00	Myrtle Early Completion Incentive	4/23/2014	4/28/2014	5		\$160,000
094.00	254.00	Drainage East of Pasadena Ave.	4/23/2014	4/28/2014	5		\$6,569
095.00	275.00	Remove Rail Ties at 1st/Santa Clara	4/23/2014	4/28/2014	5		\$2,270
096.00	274.00	Buried Concrete @ Huntington Bridge	4/23/2014	4/28/2014	5		\$2,819
097.00	269.00	Asbestos Pipe at Duarte and Myrtle	4/23/2014	4/28/2014	5		\$6,583
Subtotal:							\$10,038,155
Subtotal:							\$10,038,155
Total:							\$10,038,155

Open PCOs

PCO Number	Title
OPEN	
022.02	M&O IT Changes - Remaining Work
027.01	M&O / 3M Fence Revisions (rev 1)
029.00	Del. Irwindale/Gladstone Mitigation
046.00	1st/Santa Clara Grade X-ing Changes
047.00	M&O Body Shop Changes
050.00	M&O Car Wash Betterments
053.01	Irwindale Ramp Changes (Rev 1)
059.00	Mayflower Driveway/Wall Credit
063.00	M&O-Volume Control for PA Speakers
065.00	Azusa-Citrus Ped Crossing Operation
066.00	Red Signal Violation Indication
068.01	M&O - MOW Canopy Solar
070.00	Irwindale Security Kiosk Provisions
071.00	Remove Stem Wall along Duarte Rd.
073.00	Virginia TPSS Access Road
074.00	Monrovia Interlocking LCP Changes
075.00	Comm. Changes Parking Structures
076.00	M&O Tactile Guidance Changes
077.00	TES Load Flow Simulation
078.00	DVR Changes
079.00	M&O - Accent Colors

Open RFCs

RFC Number	Title
OPEN	
022.00	MandO Facility Train Control and Si
041.00	M and O Fire Water Tank CSP
058.00	Remvl of IR 0271 Abandoned Gas Line



Change Management Log

Date: 4/30/2014

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Project: C1135 Alignment - FTC Contract #: C1135

Open PCOs

PCO Number	Title
OPEN	
080.00	Delete Evergreen / Myrtle Mitigation

Open RFC Notices

Number	Title
037.00	DSC at Santa Anita Wash Abutment 1
044.00	DSC Utility at Azusa Avenue
057.00	Rmvl Contmntd Wd Mtrls Stanta Anita



Description: Intermodal Parking Facilities & Enhancements **Status:** April 15, 2014

Contract No.: C1150

Contractor: Webcor Builders

Progress Completed This Period

Design

- Submit AFC Design - Irwindale Site Prep
- Submit AFC Design - Monrovia Parking Structure
- Submit AFC Design - Azusa-Citrus Site Prep
- Submit Pre-Construction Survey - Irwindale
- Submit Pre-Construction Survey - Azusa-Citrus
- Submit Specifications Revision 1

Activities Planned Next Period

Design

- Submit AFC Design - Azusa-Citrus Enhancements
- Submit AFC Design - Azusa-Citrus Parking Structure
- Submit Schedule of Values Azusa-Citrus
- Submit QA/QC Plan - Part 2
- Submit QA/QC Plan - Part 3

Areas of Concern

- **IRWINDALE PARKING STRUCTURE DESIGN** - The Authority has issued the Design-Build Contractor a Potential Change Order to revise the location of the Irwindale Parking Structure from the current location identified in the 85% design submittal. The revised design will require the parking structure to be moved in order to avoid a utility conflict with the existing SCE distribution line. The redesign effort will impact the completion of the AFC design and potentially impact the Substantial Completion milestone.

Areas of Concern (Continued)

-

Description: Intermodal Parking Facilities & Enhancements **Status:** April 15, 2014

Contract No.: C1150

Contractor: Webcor Builders

Cost Summary:

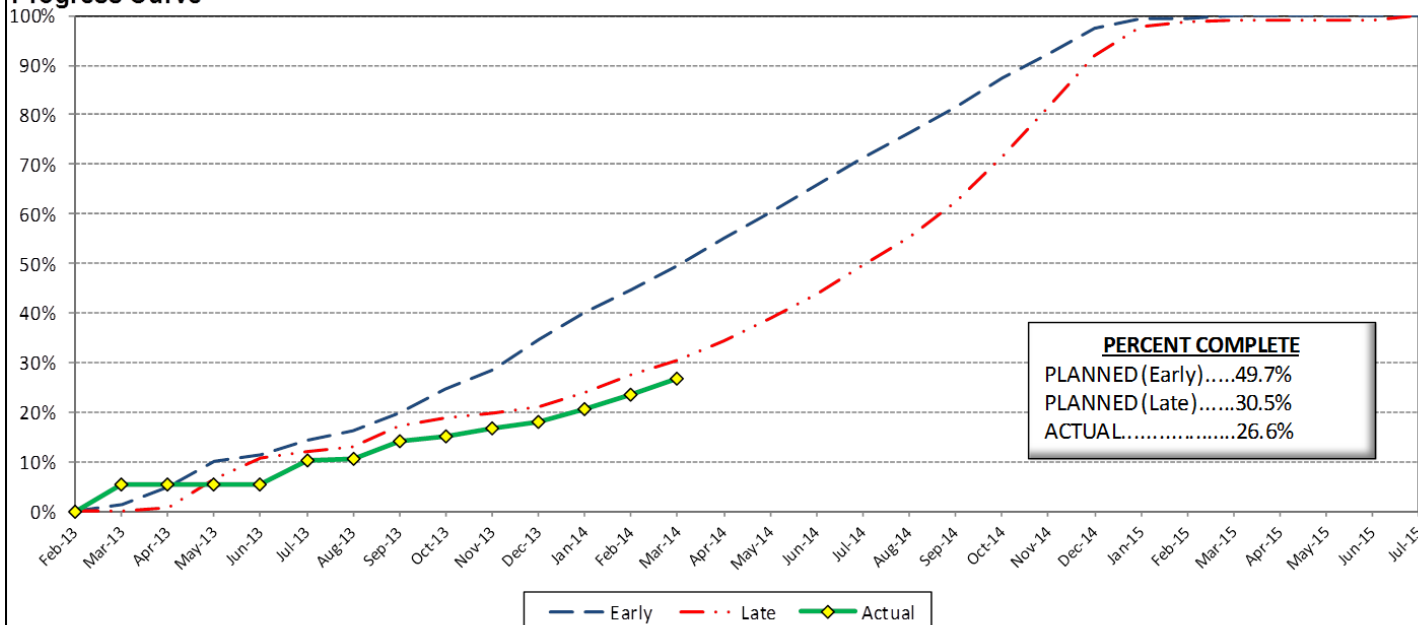
	Million(s)
CONTRACT	
Contract Award Value:	48.8
Executed Change Orders:	0.4
Current Contract Value:	49.1
Potential Change Orders:	0.2
Current Forecast:	49.3
Earned Value/Actual Cost	13.0
AUTHORIZATION FOR EXPENDITURE	
Budget	50.3
Commitment	49.1
Balance	0.9

Cost Assessment:

The current cost forecast is 49.3 Million. The forecast increased \$89 Thousand from the previous period. The increase is due to CO 006 - *Arcadia Transit Plaza Betterments*, and the elimination of PCO 007 - *St. Joseph TPSS Wall Credit*. The current forecast is within the authorized budget.

The Design-Build Contractor is trending beyond the late curve, which is due to the progress of the *Irwindale Parking Structure*, and *Azusa-Citrus Parking Structure*, AFC designs. In addition, the Design-Build Contractor has not submitted a schedule of values for Contract Document Requirement List (CDRL) bid items, which is also having an impact on progress reporting.

Progress Curve



Schedule Summary:

Contract Award:	02/27/13
Notice to Proceed (NTP) :	03/20/13
Original Contract Duration:	845 Calendar Days
Current Contract Duration:	845 Calendar Days
Elapsed Time from NTP:	391 Calendar Days

Contract Milestones

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	03/15/15	03/15/15	06/18/15	(95)
2	Punchlist Complete	05/29/15	05/29/15	09/01/15	(95)
3	Final Completion	07/13/15	07/13/15	10/16/15	(95)
4	TPSS Work	03/01/14	03/01/14	03/31/14	(30)

Schedule Assessment:

The Design-Build Contractor remains behind schedule due to the re-design of the Irwindale Parking facility. The structure footprint was moved to avoid a conflict with the existing Southern California Edison utility line. The site preparation package was approved and the site excavation for the MSE wall and soil nail wall started this period. The critical path will continue through the completion of the MSE wall and the pump station concrete structure construction. At this time, there is a potential impact of 95 days to the Substantial Completion milestone.

The Design-Build Contractor completed the TPSS site preparation at Michillinda and Soldano on March 31, 2014.

PARKING FACILITY CONSTRUCTION IMAGES

Arcadia Parking Structure Site Overview



Arcadia Parking Structure Site Overview

Monrovia Parking Structure Site Overview



PARKING FACILITY CONSTRUCTION IMAGES

Irwindale Parking Structure Site Excavation



Soldier Beams at Azusa-Citrus Parking Structure

Azusa-Citrus Parking Structure Overview





Change Management Log

Date: 4/30/2014

Page: 1 of 2

Project: C1150 Parking - Webcor Contract #: C1150

Original Contract Amount:	\$48,750,000				
Approved Change Orders:	\$356,733	0.73%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$49,106,733		Pending Contract Total:	\$49,106,733	0.73%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
EXECUTED Change Orders							
001.00	001.00	Monrovia Parking Alternative Layout	6/25/2013	7/11/2013	16		\$21,382
001.01	001.01	Monrovia Alternative - Cancellation	9/17/2013	10/7/2013	20		(\$12,006)
002.00	003.00	Clock Tower Procurement	7/3/2013	7/11/2013	8		\$107,246
003.00	002.00	Relocate Elevator @ Azusa-Citrus PF	12/18/2013	1/8/2014	21		\$159,899
005.00	018.00	Monrovia Demo Unforeseen Conditions	3/18/2014	3/26/2014	8		\$17,013
006.00	010.00	Arcadia Transit Plaza Betterments	3/14/2014	3/26/2014	12		\$35,466
007.00	009.01	Irwindale Intersection Betterments	3/25/2014	3/26/2014	1		\$19,985
008.00	017.00	Irwindale Intersection Water Line	3/25/2014	4/14/2014	20		\$7,748
Subtotal:							\$356,733
Subtotal:							\$356,733
PENDING Change Orders							
004.00	013.00	Irwindale Structure Relocation	1/23/2014		97	90	\$0
Subtotal:							\$0
Subtotal:							\$0
Total:							\$356,733

Open PCOs

PCO Number	Title
OPEN	
004.00	TPSS Grounding Grid Modifications
006.00	St. Joseph Drainage Enhancements
008.00	Azusa-Citrus Plaza Pavers
011.00	Soldano TPSS Added ROW Fence
012.00	Additional Conduit Provisions
013.00	Primrose Avenue cul-de-sac Deletion
014.00	Delete Azusa-Alameda Enhancements
015.00	Monrovia Canopy & Color Betterments

Open RFC Notices

Number	Title
001.00	Arcadia Unforeseen Items
003.00	Michillinda unforeseen items
005.00	Irwindale CCTV Power Pole
006.00	Michillinda Demo of DB2 Conduit
007.00	Added PME Switch & Spare Conduits



Change Management Log

Date: 4/30/2014

Page: 2 of 2

Project: C1150 Parking - Webcor Contract #: C1150

Open RFC Notices

Number	Title
008.00	SCE Power Feed to DB2 TPSS at Arcad

AZUSA TO MONTCLAIR SEGMENT

ACTIVITIES COMPLETED THIS PERIOD

Staff has developed the First Addendum to the Phase 2B FEIR to study an LRT grade separation at Garey Avenue in the City of Pomona, which is being presented to the Board at its May 28, 2014 meeting.

The Board awarded AECOM the contract to support the Authority in developing the advanced conceptual engineering for the Azusa to Montclair segment. Advanced conceptual engineering has begun with a focus on the alignment. The Authority is preparing to restart the Station Design Art Program (SDAR).

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 establishing coordination meetings with each corridor city, kickoff of the ROW drawing work, refinement of the alignment, restarting the SDAR, and kickoff of utility drawings and 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 II FOOTHILL EXTENSION FINANCIAL STATUS

Project Operating Budget Summary in Millions of Dollars

April 30, 2014

	(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	346.0
Measure R - Azusa to Montclair	-	-	-	-
SANBAG	55.2	1.5	53.7	1.5
Federal TCSP	2.9	2.9	-	2.5
Federal Bus Intermodal Plan	9.0	9.0	-	3.0
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	-	2.4
Federal/Other	802.5	-	802.5	-
Total Revenues	1,719.0	818.2	900.8	380.7
	(a)	(b)	(c)	(d=a-b)
	Current Budget	Current Obligation	Current Expenditures	Current Available Balance
EXPENSES				
Program Management and Administration	107.9	86.1	83.0	21.8
Master Cooperative Agreements	12.0	3.3	2.8	8.7
Real Estate including ROW Acq	21.0	21.0	12.5	-
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	231.5	-
Construction - Azusa to Montclair segment	950.0	-	-	950.0
Construction - M&O	46.0	44.0	21.3	2.0
Construction - Parking Structures	44.2	44.2	15.4	-
MTA Project Costs	64.0	64.0	14.3	-
Contingency	27.4	-	-	27.4
Project Reserve	15.5	-	-	15.5
Total Project	1,719.0	633.3	422.6	1,085.7