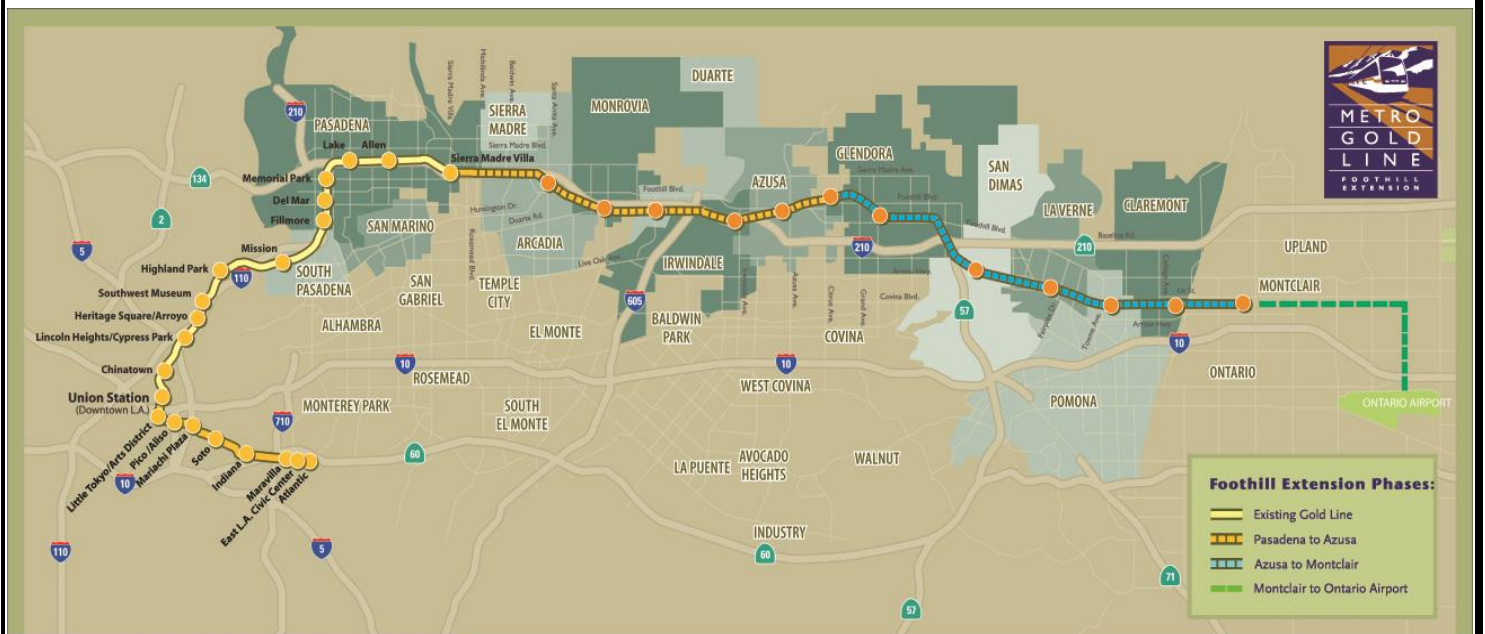


# Metro Gold Line Foothill Extension Project

## Monthly Project Status Report

July 2013



Metro Gold Line

Connecting Los Angeles, the San Gabriel Valley and Inland Empire



**TABLE OF CONTENTS**

**PHASE II FOOTHILL EXTENSION PROJECT STATUS**

**Project Description ..... 3**

**Pasadena to Azusa Segment..... 4**

    Management Issues..... 4

    Key Activities Completed This Period ..... 5

    Key Future Activities ..... 6

    Critical Path Schedule..... 8

    Critical Path Float Trend ..... 9

    Gold Line Bridge Contract Status ..... 10

    Gold Line Bridge Change Management Log ..... 11

    Alignment Contract Status ..... 12

    Alignment Contract Status (continued)..... 13

    Alignment Construction Progress This Period ..... 14

    Facility Construction Progress This Period ..... 15

    Alignment Construction Progress Next Period ..... 16

    Facility Construction Progress Next Period..... 17

    Alignment Construction Images..... 18

    Alignment Construction Images (continued) ..... 19

    Alignment Change Management Log ..... 20

    Alignment Change Management Log (continued) ..... 21

    Alignment Change Management Log (continued) ..... 22

    Parking Facilities and Enhancements Contract Status..... 23

    Parking Facilities and Enhancements Contract Status (continued)..... 24

    Parking Facilities and Enhancements Change Management Log ..... 25

**Azusa to Montclair Segment ..... 26**

**Ontario Airport Segment ..... 27**

**Financial Status ..... 28**



**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 \$1.7 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.

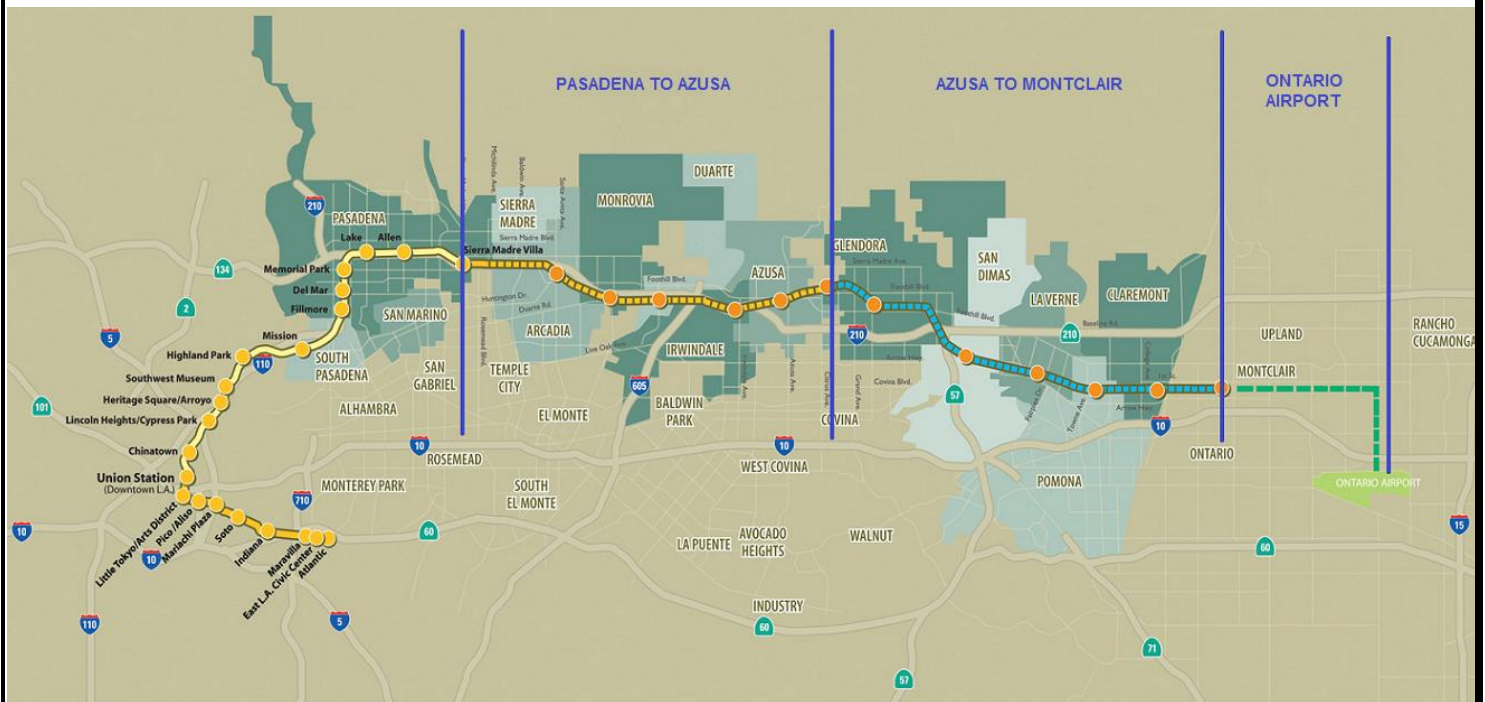


Figure 1: Metro Gold Line Foothill Extension Alignment



## **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.



### **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 May:

- Current SBE commitment: \$ 70,864,476
- SBE percent committed versus value of Project: 14.41%
- Overall Authority Project SBE goal: 16%

FTC reports the following approximate safety statistics to date:

- 294,000 total work hours performed by FTC, Mass Electric, and Subcontractors
- 1 recordable injuries reported

Continued to review revised AFC drawings for C1135 project

Continued installation of utilities, underground systems, and foundations at the Gold Line Operations Campus (Campus)

Completed Evergreen retaining wall and began the MSE retaining wall (south of blow-down building) at the Campus

Completed barrier rail replacement in Segment 1

Continued bridge work at Palm, Foothill, San Gabriel River Bridge, Santa Anita Wash, Alta Vista Wash, and Saw Pit Wash, and Santa Anita Avenue

Relocated freight bridge at Citrus

Continued work at Duarte, Monrovia and Arcadia Stations

Continued construction of grade crossings at California, Buena Vista, and Pasadena

Opened Azusa grade crossing

Began alignment drainage ditch between Myrtle and Mountain Avenues

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

Reviewed 85% design submittals for first three Parking Facilities (Arcadia, Monrovia and Azusa-Citrus)



### **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 utility installation and foundation work of new buildings at the Campus

Complete construction of the bridges at Citrus, Palm, Foothill, San Gabriel River, Alta Vista Wash, Santa Anita Wash, Saw Pit Wash, and Santa Anita Avenue

Complete construction of the Duarte, Monrovia, and Arcadia Stations

Finish work at California, Buena Vista, and Pasadena grade crossings

Finalize design for first three Parking Facilities

Finalize the following property acquisitions:

- Arcadia:

1. Parcel 1207 (Front Street Vacation) – City action 9/17/2013
2. Parcel 1301a – Acquiring street vacation rights
3. Parcel 1301b – Acquiring street vacation rights
4. Parcel 1305 (108 E. Santa Clara Ave) – In escrow
5. Parcel 1307 (125 N. First Ave) – Counter-offer to Board of Directors 9/11/13
6. Parcel 1308 (223 N. First Ave) – Offer sent
7. Parcel 6034 (125 E. Wheeler Ave) – In escrow
8. Parcel 6038 (408 S. Santa Anita Ave) – In escrow
9. Parcel 6039 (325 N. Santa Anita Ave) – In escrow
10. Parcel 6043 (400 N. Santa Anita Ave) – Counter-offer to Board of Directors 9/11/13

- Monrovia:

1. Parcel 1702 (1527 S. Mayflower Ave.) – In escrow
2. Parcel 1802/6035/6030 (1522 S. Mayflower Ave) – Negotiating
3. Parcel 1805/6035/6030 (1602 S. Mayflower Ave) – Offer sent
4. Parcel 6045 (1703 S. Magnolia Ave.) – Offer accepted

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – July 31, 2013**



5. Parcel 21A23 (Shamrock Ave.) – Agreement
6. Parcel 2101 (1713 S. California Avenue) – Offer accepted
7. Parcel 2102/6047 (200 E. Duarte Rd) – In escrow
8. Parcel 2201 (1711 Mountain Ave) – In escrow
9. Parcel 2205 (Home Depot) – Agreement
10. Parcel 6020 (1604 Radford Pl.) – In escrow
11. Parcel 6044 (S&F Huntington) – In escrow

- Duarte:

1. Parcel 2202 (904 Hamilton Rd.) – Counter-offer to Board of Directors 9/11/13
2. Parcel 2602 (Duarte Station Parking – 1700 Business Center Drive) – Motion filed for pre-judgment possession
3. Parcel 6041/6042 (1500 Duarte Rd) – Negotiating

- Irwindale:

1. Parcel 6028 (16009 Avenida Padilla) – Set Just Compensation 9/11/13

- Azusa:

1. Parcel 6032 (819 W. 6<sup>th</sup> St) – Set Just Compensation 9/11/13
2. Parcel 6033 (809 E. Santa Fe) – Set Just Compensation 9/11/13

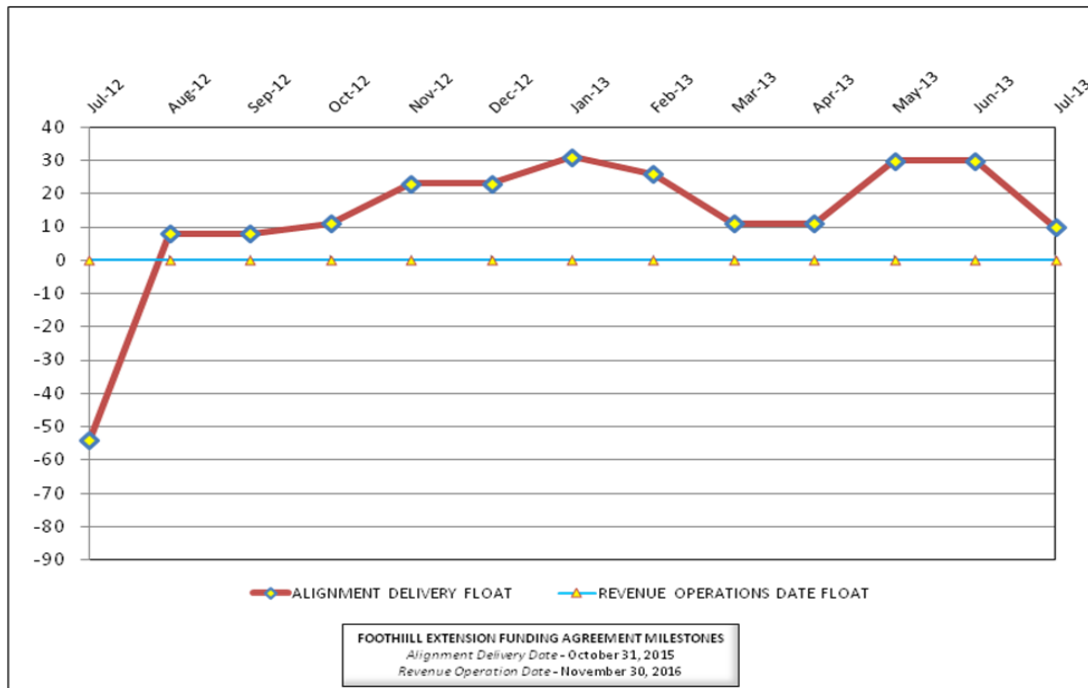








**CRITICAL PATH FLOAT TREND**



**Critical Path Analysis**

**Revenue Operations Date Critical Path - (0 Calendar Days / 0 Work Days)**

The Metro Light Rail Vehicle (LRV) fabrication remains on the critical path this period. The delay issuing Notice to Proceed to the LRV manufacturer and changes to the anticipated delivery of the 15 vehicles have placed this work as a priority to achieve ROD. The critical path continues through Metro Pre-Revenue Operations, and schedule contingency (5 months). The Metro Revenue Operations Date is currently on schedule for November 30, 2016.

**Alignment Delivery Date Critical Path - (10 Calendar Days / 7 Work Days)**

The Foothill Freight Bridge girder fabrication continues to present potential access delay for freight track installation. The freight bridge shop drawings for fracture critical steel members have not been approved. The critical path is reflecting a schedule slip due to the potential fabrication delay. However, non fracture critical steel members are currently being fabricated.

The critical path originates at the Foothill Freight Bridge and continues through the freight track installation. Upon completion of the freight track, the critical path continues through light rail track installation; followed by Segment 4 OCS installation and testing. Systems Integration will begin after Segment 4 testing is complete. Upon the completion of Systems Integration testing, FTC will achieve Substantial Completion and turn-over to Metro for Pre-Revenue Testing.

**Project Float**

The project float for the Revenue Operations Date remains unchanged at 0 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 improved 19 days this period. The Alignment Delivery Date is currently 30 days ahead of the October 31, 2015 deadline.

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
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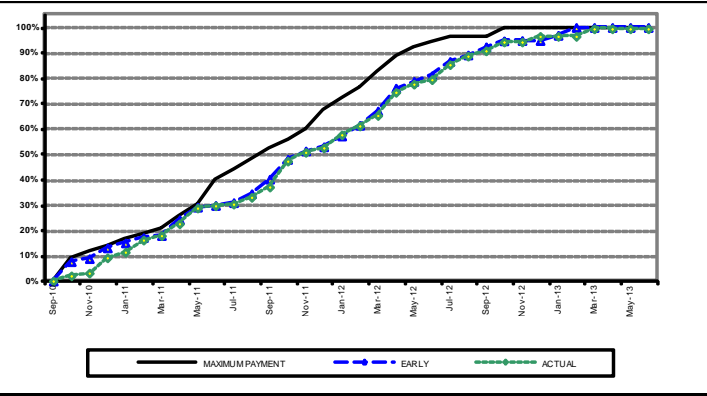
<b>Description:</b> Iconic Freeway Structure	<b>Status:</b> July 15, 2013
<b>Contract No.:</b> C1134	<b>Contractor:</b> Skanska

<b>Progress Completed This Period:</b>  Caltrans completed the second review of the As-Built drawings.	<b>Areas of Concern:</b>  No concerns
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<b>Schedule Assessment:</b>  The critical path to Final Acceptance is through the re-submittal of the As-Built drawings. Upon the acceptance of the submittal from Caltrans, the Authority will issue Final Acceptance.	<b>Cost Assessment:</b>  The current Contract cost forecast is unchanged from from last period. The forecast is at 19.80 million and within the authorized budget.
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<b>Schedule Summary:</b>	<b>Cost Summary:</b>																																		
<table border="0"> <tr> <td>Contract Award:</td> <td>06/18/10</td> </tr> <tr> <td>Notice to Proceed (NTP) :</td> <td>08/03/10</td> </tr> <tr> <td>Original Contract Duration:</td> <td>880 Calendar Days</td> </tr> <tr> <td>Current Contract Duration:</td> <td>945 Calendar Days</td> </tr> <tr> <td>Elapsed Time from NTP:</td> <td>1,077 Calendar Days</td> </tr> </table>	Contract Award:	06/18/10	Notice to Proceed (NTP) :	08/03/10	Original Contract Duration:	880 Calendar Days	Current Contract Duration:	945 Calendar Days	Elapsed Time from NTP:	1,077 Calendar Days	<table border="0"> <tr> <td></td> <td style="text-align: right;">Million(s)</td> </tr> <tr> <td colspan="2"><b>CONTRACT</b></td> </tr> <tr> <td>Contract Award Value:</td> <td style="text-align: right;">18.57</td> </tr> <tr> <td>Executed Change Orders:</td> <td style="text-align: right;">1.23</td> </tr> <tr> <td>Current Contract Value:</td> <td style="text-align: right;">19.80</td> </tr> <tr> <td>Potential Change Orders:</td> <td style="text-align: right;">0.00</td> </tr> <tr> <td>Current Forecast:</td> <td style="text-align: right;">19.80</td> </tr> <tr> <td>Earned Value/Actual Cost to Date</td> <td style="text-align: right;">19.23</td> </tr> <tr> <td colspan="2"><b>AUTHORIZATION FOR EXPENDITURE</b></td> </tr> <tr> <td>Budget</td> <td style="text-align: right;">19.80</td> </tr> <tr> <td>Commitment</td> <td style="text-align: right;">19.80</td> </tr> <tr> <td>Balance</td> <td style="text-align: right;">0.00</td> </tr> </table>		Million(s)	<b>CONTRACT</b>		Contract Award Value:	18.57	Executed Change Orders:	1.23	Current Contract Value:	19.80	Potential Change Orders:	0.00	Current Forecast:	19.80	Earned Value/Actual Cost to Date	19.23	<b>AUTHORIZATION FOR EXPENDITURE</b>		Budget	19.80	Commitment	19.80	Balance	0.00
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Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	07/03/12	11/29/12	11/29/2012 A	0
2	Punchlist Complete	10/01/12	12/05/12	2/4/2013 A	(61)
3	Final Acceptance	12/30/12	03/05/13	08/05/13	(153)





Change Management Log

Date: 8/16/2013

Page: 1 of 1

Project: C1134 IFS - Skanska Contract #: C1134

Original Contract Amount:	\$18,570,092				
Approved Change Orders:	\$1,228,939	6.62%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$19,799,031		Pending Contract Total:	\$19,799,031	6.62%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
<b>EXECUTED Change Orders</b>							
001.00	001.00	Project Concept Advisor Services	2/15/2011	2/15/2011	0		\$0
002.00	002.00	Professional Liability Insurance	3/9/2011	3/9/2011	0		\$0
003.00	003.00	Sound Wall Requirement Changes	4/25/2011	4/25/2011	0		(\$38,552)
004.00	008.00	Deletion of Abutment 14	10/28/2011	10/28/2011	0		\$41,739
005.00	009.00	Additional Superstructure Arch Chng	12/14/2011	12/15/2011	1		\$122,259
006.00	010.00	Drainage System Location	12/22/2011	12/22/2011	0		\$5,617
007.00	011.00	Caltrans Requested Renderings	3/1/2012	3/2/2012	1		\$14,768
008.00	012.00	Time Extension	4/11/2012	4/13/2012	2	65	\$0
009.00	005.00	Aesthetic Lighting, Misc Extra Work	7/18/2012	7/19/2012	1		\$61,094
010.00	007.00	Architectural Features	9/5/2012	9/12/2012	7		\$18,494
011.00	013.00	Retaining Walls at IFS Approaches	9/18/2012	9/18/2012	0	84	\$732,762
012.00	015.00	Added Falsework Stripping Req'ts.	10/3/2012	10/4/2012	1		\$24,918
013.00	006.00	Landscape/Hardscape	10/12/2012	10/17/2012	5		\$79,967
014.00	016.00	Ceremony Prep and Misc. Added Work	2/15/2013	2/19/2013	4		\$160,464
015.00	017.00	Purchase Additional Light Fixtures	2/28/2013	2/28/2013	0		\$5,408
<b>Subtotal:</b>							\$1,228,939
<b>Subtotal:</b>							\$1,228,939
<b>Total:</b>							\$1,228,939



**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – July 31, 2013**



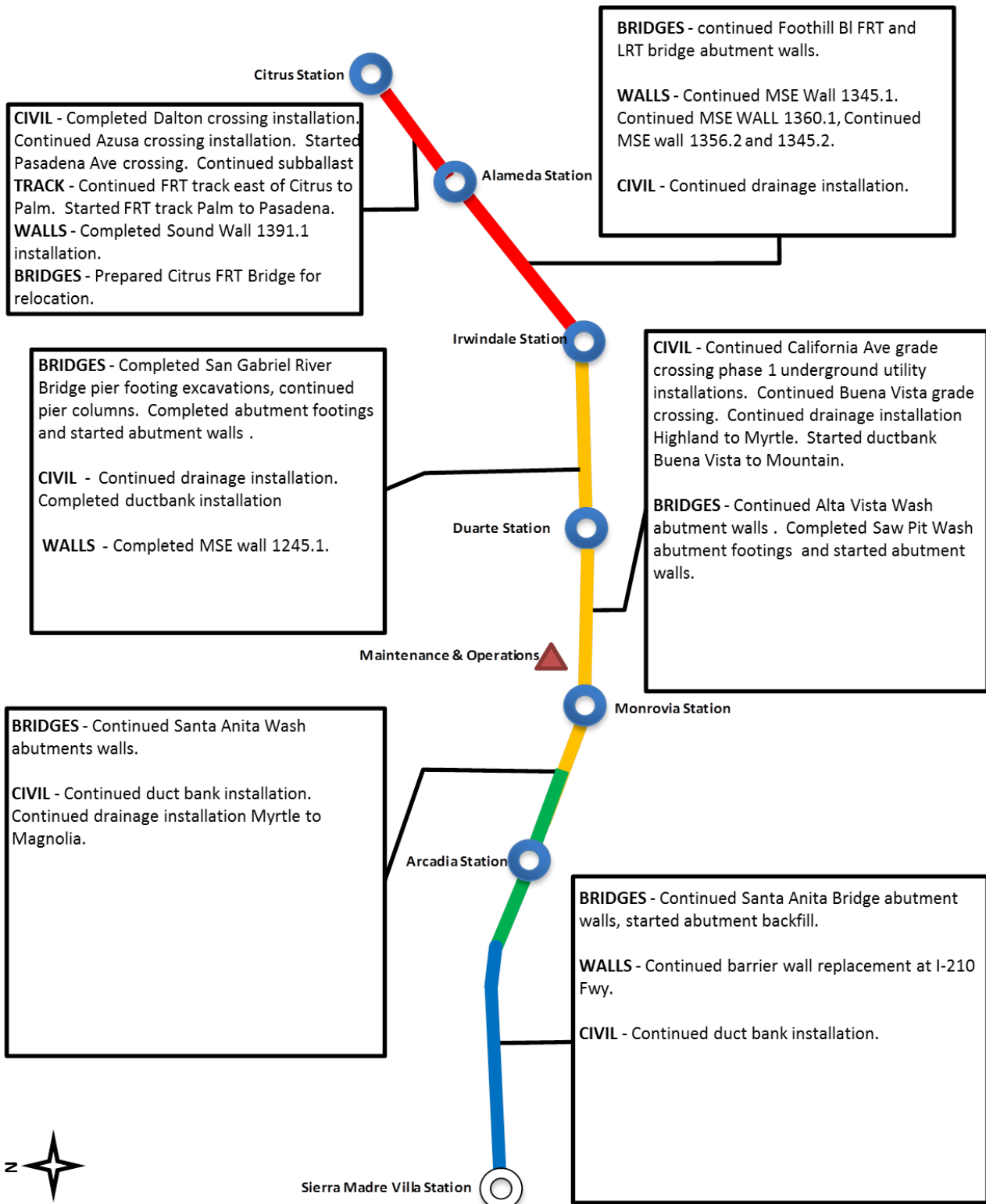
<b>Description:</b> Alignment Design / Build	<b>Status:</b> July 15, 2013
<b>Contract No.:</b> C1135	<b>Contractor:</b> Foothill Transit Constructors (Kiewit-Parsons J.V.)

<b>Progress Completed This Period</b>	<b>Activities Planned Next Period</b>
<p><b>Design</b></p> <ul style="list-style-type: none"> <li>• Submit AFC Design - Grading &amp; Drainage - Segment 2 Pkg 3</li> <li>• Submit AFC Design - Traction Power Package 4</li> <li>• Submit AFC Design - Walls Segment 2 Pkg 2</li> <li>• Submit AFC Design - Train Control &amp; Signals (M&amp;O / ML)</li> <li>• Submit AFC Design - Walls Segment 1</li> <li>• Submit AFC Design - Traction Power Package 5</li> <li>• Submit AFC Design - California Ave 16" Water Line</li> <li>• Submit AFC Design - Walls Segment 3 Pkg 3</li> <li>• Submit AFC Design - I-210 Bridge</li> <li>• Submit AFC Design - Traction Power Package 6</li> <li>• Submit AFC Design - M&amp;O Cleaning Platform &amp; Sanding Sy.</li> <li>• Submit AFC Design - Santa Anita Retaining Walls</li> </ul> <p><b>Construction</b></p> <ul style="list-style-type: none"> <li>• See "Construction Progress This Period"</li> </ul>	<p><b>Design</b></p> <ul style="list-style-type: none"> <li>• Submit 100% Design - Train Control Book of Plans (Zone 1)</li> <li>• Submit AFC Design - Communciations Book of Plans (Arcadia)</li> <li>• Submit AFC Design - Communciations Book of Plans (Monrovia)</li> <li>• Submit AFC Design - Communciations Book of Plans (Duearte)</li> <li>• Submit AFC Design - Communciations Book of Plans (SMV)</li> <li>• Submit AFC Design - Communciations Book of Plans (Irwindale)</li> <li>• Submit AFC Design - Communciations Book of Plans (Alameda)</li> <li>• Submit AFC Design - Communciations Book of Plans (Citrus)</li> <li>• Submit AFC Design - Traction Power Package 7</li> </ul> <p><b>Construction</b></p> <ul style="list-style-type: none"> <li>• See "Construction Progress Next Period"</li> </ul>

<p><b>Areas of Concern</b></p> <ul style="list-style-type: none"> <li>• <b>Grade Crossing Schedule.</b> The Grade crossing durations and schedules are slipping due to productivity. The Authority is working with the Design-Build Contractor to plan grade crossing activities and complete the work within the constraints established by Cities. The Design-Build Contractor has completed a re-evaluation of the grade crossing sequence and will begin implementation into the CPM schedule next period.</li> </ul>	<p><b>Areas of Concern (Continued)</b></p> <ul style="list-style-type: none"> <li>• <b>Segment 3 Grade Crossing Property Acquisitions.</b> The Design-Build Contractor has been late delivering parcel legal descriptions in a timely manner. There is a potential schedule impact to the Segment 3 grade crossing construction and schedule if the parcel legal descriptions are not approved. The Authority will attempt to mitigate potential delays by obtaining Right-of-Entry from property owners prior completing negotiations.</li> </ul>
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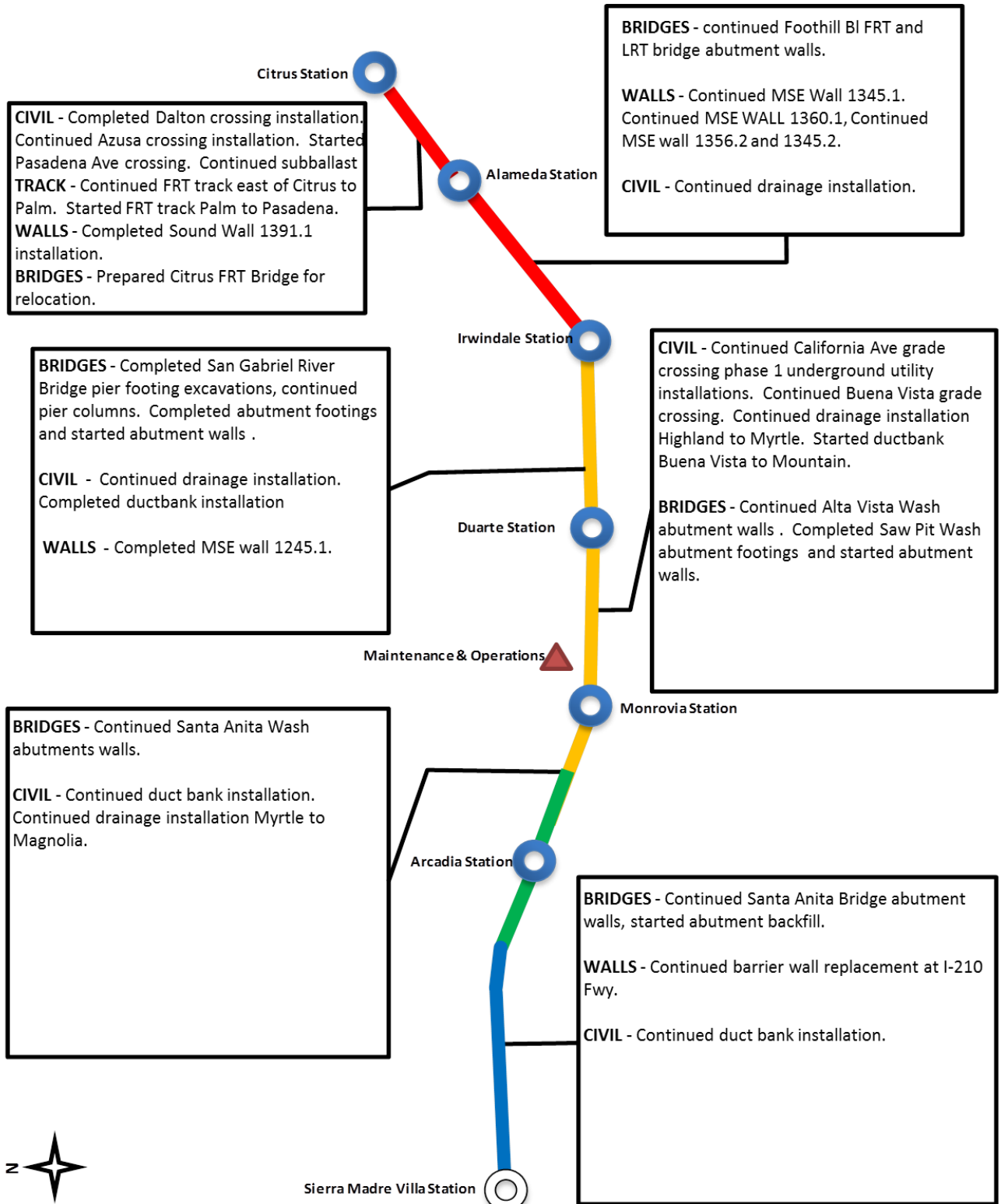


**ALIGNMENT CONSTRUCTION PROGRESS THIS PERIOD**





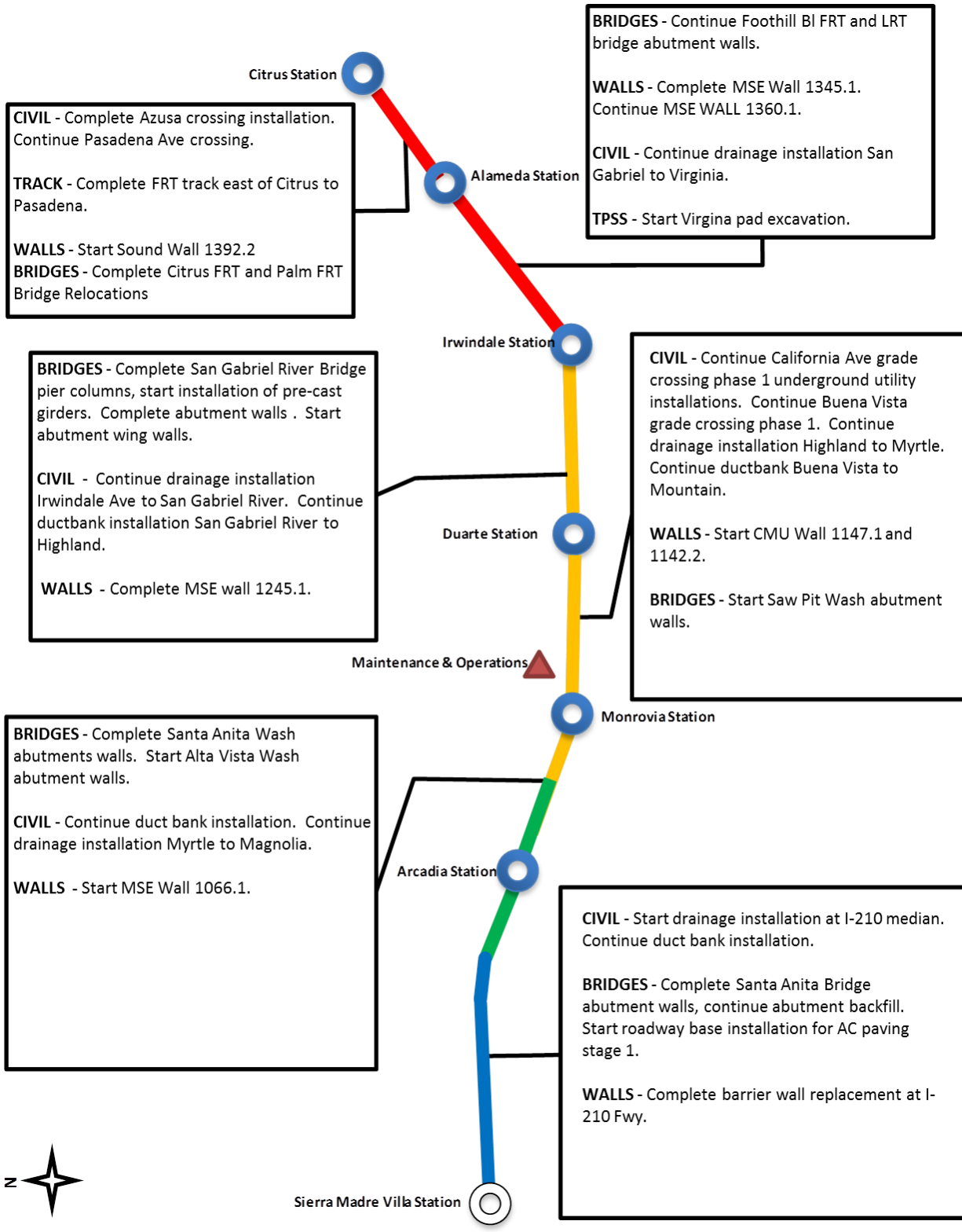
**FACILITY CONSTRUCTION PROGRESS THIS PERIOD**





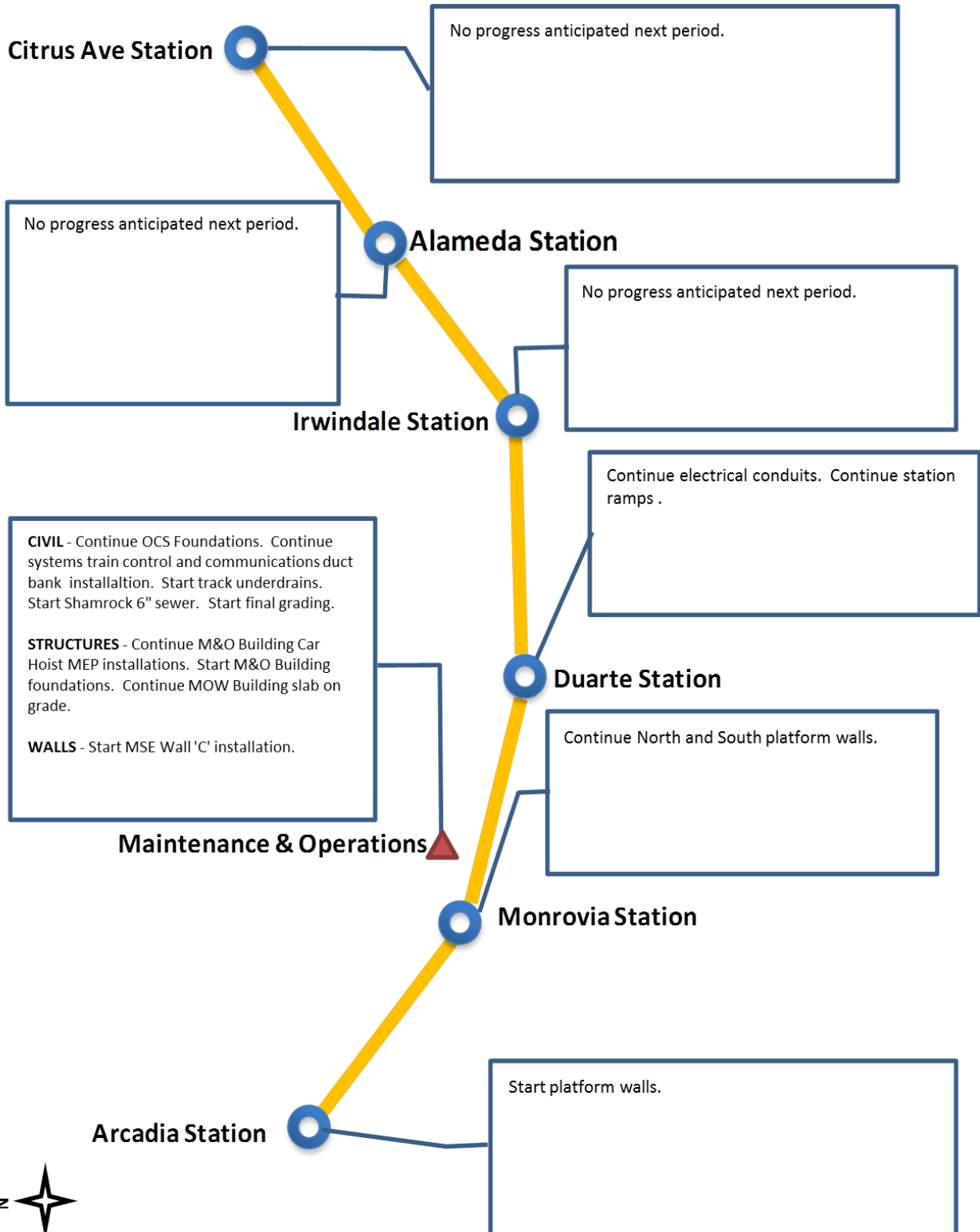


**ALIGNMENT CONSTRUCTION PROGRESS NEXT PERIOD**





**FACILITY CONSTRUCTION PROGRESS NEXT PERIOD**



Alignment Construction Images

Barrier Wall Construction  
in Segment 1



Santa Anita Bridge  
Abutment #3 Wall

Precast Girder Erection at  
San Gabriel River Bridge





**Alignment Construction Images (Continued)**

South Campus  
MSE Wall C



MOW building pad  
foundation base preparation

Duarte Road  
CMU retaining wall footing





Change Management Log

Project: C1135 Alignment - FTC Contract #: C1135

Original Contract Amount:	\$485,867,000				
Approved Change Orders:	\$7,000,895	1.44%	Pending Change Orders:	\$359,158	0.07%
Current Contract Total:	\$492,867,895		Pending Contract Total:	\$493,227,053	1.51%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
<b>EXECUTED Change Orders</b>							
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
005.00	023.00	Wayside Signal Aspect Revision	9/6/2012	9/7/2012	1		\$26,072
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
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
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
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
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
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



Change Management Log

Project: C1135 Alignment - FTC Contract #: C1135

Change Orders

Table with columns: Number, Change Management, Title, Initiated Date, Approved Date, Outstanding Days, Time Extension, Amount. Includes sections for EXECUTED and PENDING Change Orders with subtotals.

Open PCOs

Table with columns: PCO Number, Title. Lists various open PCOs such as Wayside Signal 'Call On' Function, M&O Storage Shelving Revisions, etc.

Open RFCs

Table with columns: RFC Number, Title. Lists various open RFCs such as Reloc Storm Drain Waterline Foothill, 3M Drainage Modifications, etc.

Open RFC Notices

Table with columns: Number, Title. Lists open RFC notices such as TPSS 05 Property Acquisition, 20-in Vosburg Water Line Betterment, etc.



## Change Management Log

Date: 8/16/2013

Page: 3 of 3

Project: C1135 Alignment - FTC Contract #: C1135

### Open RFC Notices

Number	Title
032.00	DSC Hazardous Material Segment 1 St
036.00	Water Line at California and Duarte
037	DSC at Santa Anita Wash Abutment 1
040	RR 8-in Water Line at Dalton Ave
041	M and O Facility Fire Flow Rate
043.00	DSC Storm Drain and Headwall Utilit
044.00	DSC Utility at Azusa Avenue
045.00	DSC Haz Mat/ ACM at Station 1202+00
046.00	Contaminated Wood at Buena Vista
047.00	Contaminated Wood at San Gabriel GC



**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY**  
Monthly Foothill Extension Project Status Report  
Period Ending – July 31, 2013



**Description:** Intermodal Parking Facilities & Enhancements **Status:** June 15, 2013

**Contract No.:** C1150

**Contractor:** Webcor Builders

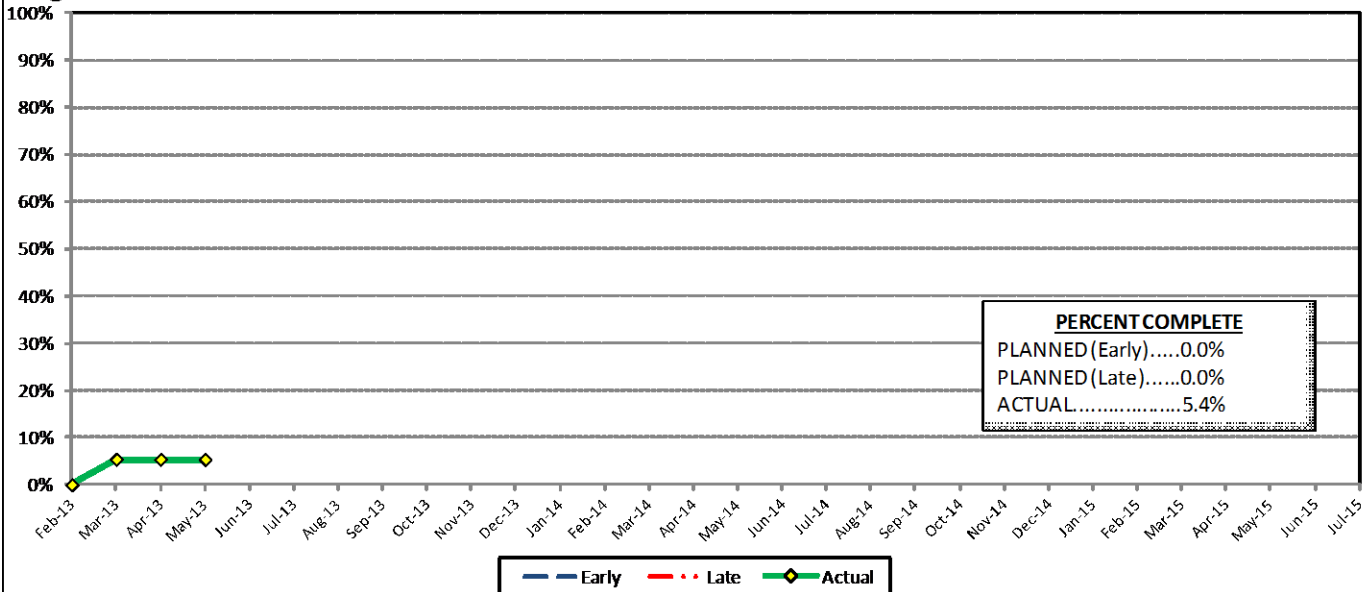
**Cost Summary:**

	Million(s)
<b>CONTRACT</b>	
Contract Award Value:	48.8
Executed Change Orders:	0.0
Current Contract Value:	48.8
Potential Change Orders:	1.1
Current Forecast:	49.8
Earned Value/Actual Cost	2.5
<b>AUTHORIZATION FOR EXPENDITURE</b>	
Budget	50.3
Commitment	48.9
Balance	(1.0)

**Cost Assessment**

The current cost forecast is 49.8 Million. The potential cost increase is due to PCO 005 - *Irwindale TPSS Alternative Layout*. The current forecast is within the authorized budget. However, if PCO 005 is issued as a Change Order, the budget will be transferred from the C1135 Contract to cover the transfer in scope of work from C1135 Design-Build Contractor to the C1150 Design-Build Contractor.

**Progress Curve**



**Schedule Summary:**

Contract Award:	02/27/13
Interim Notice to Proceed (NTP) :	03/20/13
Original Contract Duration:	845 Calendar Days
Current Contract Duration:	845 Calendar Days
Elapsed Time from NTP:	87 Calendar Days

**Contract Milestones**

Milestones	Description	Original Contract	Current Contract	Forecast	Variance
1	Substantial Completion	03/15/15	03/15/15	03/14/15	1
2	Punchlist Complete	05/29/15	05/29/15	05/28/15	1
3	Final Completion	07/13/15	07/13/15	07/12/15	1
4	TPSS Work	03/01/14	03/01/14	02/28/14	1

**Schedule Assessment**

The Design-Build Contractor held the Irwindale Parking Facility design work shop and initiated the start of the design for the critical facility. The critical path will continue through the Irwindale Ave street improvements and then continue through the site retaining wall installations. Upon completion of the retaining walls, the site grading and parking structure will begin. The 60% Irwindale Design is expected by July 2013.

The baseline schedule will be re-submitted for review and approval next period. Upon approval, the critical path and planned progress curves will be established and later used to analyze the Design-Build Contractor's progress.

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – July 31, 2013**



**Description:** Intermodal Parking Facilities & Enhancements **Status:** June 15, 2013

**Contract No.:** C1150

**Contractor:** Webcor Builders

**Progress Completed This Period**

**Design**

- Baseline Schedule. The Design-Build Contractor re-submitted the baseline schedule for review and approval. The Authority returned the schedule submittal rejected and the Design-Build Contractor will re-submit the schedule.
- Arcadia - Site Prep Design - 60%
- Arcadia - Enhancement Design - 60%
- Arcadia - Parking Structure Design - 60%
- Azusa-Citrus - Site Prep Design - 60%
- Azusa-Citrus - Enhancement Design - 60%
- Azusa-Citrus - Parking Structure Design - 60%
- Monrovia - Site Prep Design - 60%
- Monrovia - Enhancement Design - 60%
- Monrovia - Parking Structure Design - 60%
- Soldano - Traction Power Substation Site Design - 60%
- Michillinda - Traction Power Substation Site Design - 60%

**Activities Planned Next Period**

**Design**

- Re-Submit Baseline Schedule
- Re-Submit Third Party Coordination Plan
- Submit QA/QC Plan - Part 1
- Arcadia - Site Prep Design - 85%
- Arcadia - Enhancement Design - 85%
- Arcadia - Parking Structure Design - 85%
- Azusa-Citrus - Site Prep Design - 85%
- Azusa-Citrus - Enhancement Design - 85%
- Azusa-Citrus - Parking Structure Design - 85%
- Monrovia - Site Prep Design - 85%
- Monrovia - Enhancement Design - 85%
- Monrovia - Parking Structure Design - 85%

**Areas of Concern**

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**Areas of Concern (Continued)**

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Change Management Log

Date: 8/16/2013

Page: 1 of 1

Project: C1150 Parking - Webcor Contract #: C1150

Original Contract Amount:	\$48,750,000				
Approved Change Orders:	\$128,628	0.26%	Pending Change Orders:	\$0	0.00%
Current Contract Total:	\$48,878,628		Pending Contract Total:	\$48,878,628	0.26%

Change Orders

Number	Change Management	Title	Initiated Date	Approved Date	Outstanding Days	Time Extension	Amount
<b>EXECUTED Change Orders</b>							
001.00	001.00	Monrovia Parking Alternative Layout	6/25/2013	7/11/2013	16		\$21,382
002.00	003.00	Clock Tower Procurement	7/3/2013	7/11/2013	8		\$107,246
						<b>Subtotal:</b>	\$128,628
						<b>Subtotal:</b>	\$128,628
						<b>Total:</b>	\$128,628

Open PCOs

PCO Number	Title
<b>OPEN</b>	
002.00	Relocate Elevator at Azusa-Citrus
004.00	TPSS Grounding Grid Modifications
006.00	St. Joseph Drainage Enhancements
007.00	St. Joseph TPSS Wall
008.00	Azusa-Citrus Plaza Pavers



## **Azusa to Montclair Segment**

### **ACTIVITIES COMPLETED THIS PERIOD**

Authority Board certified the EIR for the Azusa to Montclair segment on March 6, 2013. Following certification, staff filed the Notice of Determination (NOD) with both counties (Los Angeles and San Bernardino). This filing started a 30-day statute of limitations to court challenges to the approval of the project. The City of Pomona has filed a challenge. Authority staff is working with legal counsel to review this challenge and prepare a response accordingly.

### **KEY FUTURE ACTIVITIES**

Authority staff continues work with legal counsel to review the challenge and provide the necessary defense.

### **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.



## **Ontario Airport Segment**

Authority staff continues the negotiation process with KOA Corporation for the Ontario Airport segment alternatives analysis study which will likely begin later this year.

### **ACTIVITIES COMPLETED THIS PERIOD**

Staff continued to pursue the needed funding to conduct the Alternatives Analysis for the Ontario Airport Segment. The San Bernardino Associated Governments (SANBAG) and the Authority are in discussions to develop a funding agreement for a portion of the initial Alternatives Analysis study.

### **KEY FUTURE ACTIVITIES**

Authority staff will work to obtain funding for this Segment and complete negotiations with KOA.

**METRO GOLD LINE FOOTHILL  
EXTENSION CONSTRUCTION AUTHORITY  
Monthly Foothill Extension Project Status Report  
Period Ending – July 31, 2013**



**PHASE II FOOTHILL EXTENSION FINANCIAL STATUS  
Project Operating Budget Summary in Millions of Dollars  
June 30, 2013**

	( a )	( b )	(c=a-b)	( d )
<b>FINANCIAL PLAN</b>	<b>Current Budget</b>	<b>Funding Committed to Project</b>	<b>Uncommitted Funds</b>	<b>Revenues Received</b>
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	741.0	69.5	243.8
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	-	2.3
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	-	2.3
Federal/Other	802.5	-	802.5	-
<b>Total Revenues</b>	<b>1,719.0</b>	<b>782.2</b>	<b>936.8</b>	<b>277.7</b>
	( a )	( b )	( c )	(d=a-b)
	<b>Current Budget</b>	<b>Current Obligation</b>	<b>Current Expenditures</b>	<b>Current Available Balance</b>
<b>EXPENSES</b>				
Program Management and Administration	107.9	86.1	69.6	21.8
Master Cooperative Agreements	12.0	3.3	2.5	8.7
Real Estate including ROW Acq	21.0	13.1	13.1	7.9
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	19.2	-
Construction - Pasadena to Azusa segment	328.9	320.4	141.5	8.5
Construction - Azusa to Montclair segment	950.0	-	-	950.0
Construction - M&O	46.0	44.0	10.9	2.0
Construction - Parking Structures	44.2	44.2	5.0	-
MTA Project Costs	64.0	64.0	14.3	-
Contingency	27.4	-	-	27.4
Project Reserve	15.5	-	-	15.5
<b>Total Project</b>	<b>1,719.0</b>	<b>616.9</b>	<b>298.1</b>	<b>1,102.1</b>