

Metro Gold Line Eastside Extension



METRO GOLD LINE EASTSIDE EXTENSION

QUARTERLY PROJECT STATUS REPORT

THE PREPARATION OF THIS DOCUMENT HAS BEEN FINANCED IN PART THROUGH A GRANT FROM THE U. S. DEPARTMENT OF TRANSPORTATION, FEDERAL TRANSIT ADMINISTRATION (FTA), UNDER THE FEDERAL TRANSIT ACT OF 1964, AS AMENDED, AND FUNDS FROM THE STATE OF CALIFORNIA.

MARCH 2011

TABLE OF CONTENTS

	Page No.
Project Overview & Status.....	1
Management Issues.....	1
Project Status	
• Project Cost Status.....	2-3
• Financial/Grant Status.....	4
Contract C0803 Status	5
Contract C0893 Status	6
Contract C0933 Status	7
Contract P2550 Status	8
Appendice.....	9

PROJECT OVERVIEW & STATUS

The Metro Gold Line Eastside Extension Project is a six-mile, dual track light rail system with eight new stations and one station modification. The system originates at Union Station in downtown Los Angeles, where it connects with the Pasadena Gold Line, traveling generally east to Pomona and Atlantic Boulevards. The system travels over the State Route 101 Freeway and traverses the existing 1st Street Bridge over the Los Angeles River. The system travels south on Alameda Street and then east on 1st Street with two stations at Alameda and Utah Streets. East of the Los Angeles River and 1st and Utah Streets, the alignment transitions to tunnel for approximately 1.7 miles, and continues beneath 1st Street to underground stations at 1st Street and Boyle Avenue and 1st Street and Soto Street. The alignment returns to the surface near the intersection of 1st Street and Lorena Streets, then jogs to the south, transitioning to follow 3rd Street with stations at Indiana Street, Ford Boulevard, Mednik Avenue and Pomona and Atlantic Boulevards.

The Division 21 Body Repair Shop contractor is progressing according to plan. Inside the building, the contractor installed metal stud framing and drywall, installed and welded rail, installed HVAC equipment, lift anchor pots, and began installation of car and truck repair hoists and turntables. Also, lighting and plumbing installation continued as well as installation of equipment control cabinets, conduit and wire pulling. This period, the lift system vendor delivered all car and truck repair hoists and turntables, and the OCS subcontractor completed fabrication of hardware. Construction crews erected OCS poles and installed all the hardware, installed outside ballast and sub-ballast, poured curb, gutter and site concrete around the building, and finished the fence next to the existing tracks. Metro Maintenance began track installation outside the building. Testing of the hoists with a P2550 Light Rail Vehicle is dependent upon MTA Rail Operations completing the trackwork installation.

The C0803 contractor (ELRTC) has continued to closeout open items throughout the alignment. Submittals of "as-built" drawings and documentation are nearing completion. Metro and the ELRTC continue the process of closing out the contract.

The C0893 Atlantic/Pomona Parking Structure contract has been closed out.

MANAGEMENT ISSUES

No Management Issues for the period ending March 2011.

Metro Gold Line Eastside Extension
Quarterly Project Status Report

March 2011

PROJECT COST STATUS

COST REPORT BY ELEMENT
ORIGINAL SCOPE ACTIVITIES
DOLLARS IN THOUSANDS

ELEMENT	DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		EXPENDITURES		CURRENT FORECAST		BUDGET / FORECAST VARIANCE
			PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	
C	CONSTRUCTION	833,221	-	648,310	(9,276)	646,766	1,392	638,969	-	648,310	-
S	SPECIAL CONDITIONS	19,494	-	58,867	(11)	55,019	142	49,597	-	58,867	-
R	RIGHT-OF-WAY	40,358	-	37,889	-	37,889	(248)	37,620	-	37,889	-
P	PROFESSIONAL SERVICES	135,304	-	140,911	(318)	140,887	485	138,891	-	140,911	-
PC	PROJECT CONTINGENCY	60,254	-	2,700	-	-	-	-	-	2,700	-
PR	PROJECT REVENUE	(4,617)	-	(4,662)	-	(4,662)	-	(4,662)	-	(4,662)	-
	SUBTOTAL	884,014	-	884,014	(9,604)	875,900	1,772	860,415	-	884,014	-
PF	PROJECT FINANCE COST	14,800	-	14,800	561	11,080	561	11,080	-	14,800	-
	TOTAL	898,014	-	898,814	(9,043)	886,979	2,333	871,495	-	898,814	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 2011

PROJECT COST ANALYSIS

Original Budget

The Full Funding Grant Agreement (FFGA) was adopted June 1, 2004 in the amount of \$898.8 million. The Original Budget reflects the adopted FFGA.

Current Budget and Current Forecast

The Current Budget and Forecast remain the same at \$898.8 million.

Commitments

The Commitments decreased by a net of \$9.0 million this period. In the Construction element there was a decrease of \$9.3 million primarily for credit executed contract modifications associated with the closeout of Contract C0803 – Tunnel, Stations, Trackwork and Systems. In the Professional Services element there was a decrease of \$0.3 million associated with the closeout of Professional Services contracts. In the Project Finance Cost element there was an increase of \$0.6 million that reflects an interest payment. The \$887.0 million in Commitments to date represents 98.7% of the Original Budget.

Expenditures

Expenditures are cumulative through February 2011. The Expenditures increased by a total of \$2.3 million this period. In the Construction element there was an increase of \$1.4 million for costs associated with Contract C0803 – Tunnel, Stations, Trackwork and Systems; and, the Maintenance Facility. In the Special Conditions element there was an increase of \$0.1 million for costs associated with 3rd Party Master Cooperative Agreements, Metro Operations Post Rod Activities, and SCADA. In the Right of Way element there was a decrease of \$0.2 million for a reimbursement from the County of LA. In the Professional Services element there was an increase of \$0.5 million for costs associated with Metro Project Administration, Design Support During Construction, Construction Management Services, and Auditing Services. In the Project Finance Cost element there was an increase of \$0.6 million that reflects an interest payment. The \$871.5 million in Expenditures to date represents 97.0% of the Original Budget.

Metro Gold Line Eastside Extension
Quarterly Project Status Report

March 2011

PROJECT COST STATUS

COST REPORT BY ELEMENT
CONCURRENT NON-FFGA PROJECT ACTIVITIES
DOLLARS IN THOUSANDS

ELEM- ENT	DESCRIPTION	ORIGINAL BUDGET	CURRENT BUDGET		COMMITMENTS		EXPENDITURES		CURRENT FORECAST		BUDGET / FORECAST VARIANCE
			PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	PERIOD	TO DATE	
C	CONSTRUCTION	18,000	-	49,649	(321)	48,938	-	48,280	-	49,649	-
S	SPECIAL CONDITIONS	-	-	3,244	8	2,722	25	2,710	-	3,244	-
R	RIGHT-OF-WAY	-	-	648	-	349	2	318	-	648	-
P	PROFESSIONAL SERVICES	-	-	4,307	9	6,700	329	6,254	-	4,307	-
PC	PROJECT CONTINGENCY	-	-	2,143	-	-	-	-	-	2,143	-
PR	PROJECT REVENUE	-	-	(4,087)	-	(4,872)	(2,343)	(3,012)	-	(4,087)	-
SUBTOTAL		18,000	-	55,903	(304)	53,837	(1,987)	54,550	-	55,903	-
PF	PROJECT FINANCE COST	-	-	-	-	-	-	-	-	-	-
TOTAL		18,000	-	55,903	(304)	53,837	(1,987)	54,550	-	55,903	-

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 2011

PROJECT COST ANALYSIS

Original Budget

The Metro Board adopted the Original Budget of \$18.0 million on March 24, 2005.

Current Budget and Current Forecast

The Current Budget and Forecast remain the same at \$55.9 million.

Commitments

The Commitments decreased by \$0.3 million to reflect a credit executed contract modification associated with the closeout of Contract C0893 – Pomona/Atlantic Parking Structure. The \$53.8 million in Commitments to date represents 96.3% of the Current Budget.

Expenditures

Expenditures are cumulative through February 2011. Overall the Expenditures decreased by a net of \$2.0 million this period mainly for a reimbursement of \$2.3 million from the County of Los Angeles for betterments performed by Eastside LRT Constructors. The \$54.6 million in Expenditures to date represents 97.6% of the Current Budget.

**Metro Gold Line Eastside Extension
Quarterly Project Status Report**

March 2011

FINANCIAL/GRANT STATUS – ORIGINAL SCOPE ACTIVITIES

MARCH 2011

STATUS OF FUNDS BY SOURCE

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS ANTICIPATED	(C) TOTAL FUNDS AVAILABLE	(D) COMMITMENTS \$	(D/B) %	(E) EXPENDITURES \$	(E/B) %	(F) BILLED TO FUNDING SOURCE \$	(F/B) %
FEDERAL - SECTION 5309 NEW START	\$490,700	\$490,700	\$490,700	\$482,610	98%	\$467,125	95%	\$466,825	95%
FED - SECTION 5309 FIXED GUIDEWAY	\$23,100	\$12,000	\$12,000	\$12,000	100%	\$12,000	100%	\$12,000	100%
FEDERAL - CMAQ	\$10,300	\$10,300	\$10,276	\$10,276	100%	\$10,276	100%	\$10,276	100%
REGIONAL IMPROVEMENT PROG - FED	\$179,600	\$4,600	\$4,600	\$4,600	100%	\$4,600	100%	\$4,600	100%
REGIONAL IMP PROG - STATE	\$0,600	\$175,600	\$175,600	\$175,600	100%	\$175,600	100%	\$175,600	100%
STATE TCRP	\$45,000	\$45,000	\$45,000	\$45,000	100%	\$45,000	100%	\$45,000	100%
PROP A 35% / PROP C 40%/PROP 25%	\$124,614	\$135,714	\$135,714	\$135,714	100%	\$135,714	100%	\$135,714	100%
LEASE REVENUES	\$10,100	\$10,100	\$10,100	\$10,100	100%	\$10,100	100%	\$10,100	100%
ACCRUALS									
SUB-TOTAL	\$884,014	\$884,014	\$883,990	\$875,900	99%	\$860,415	97%	\$860,115	97%
PROP A / PROP C (INTEREST COST)	\$14,800	\$14,800	\$11,080	\$11,080	75%	\$11,080	75%	\$10,978	74%
TOTAL	\$898,814	\$898,814	\$895,070	\$886,980	99%	\$871,495	97%	\$871,091	97%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 2011.

**FINANCIAL/GRANT STATUS
CONCURRENT NON-FFGA PROJECT ACTIVITIES**

MARCH 2011

STATUS OF FUNDS BY SOURCE

SOURCE	(A) ORIGINAL BUDGET	(B) TOTAL FUNDS ANTICIPATED (1)	(C) TOTAL FUNDS AVAILABLE	(D) COMMITMENTS \$	(D/B) %	(E) EXPENDITURES \$	(E/B) %	(F) BILLED TO FUNDING SOURCE \$	(F/B) %
PROP C 40%	\$14,000	\$23,494	\$23,494	\$23,494	100%	\$23,494	100%	\$23,494	100%
PROP C 10%	\$4,000	\$4,400	\$4,400	\$4,400		\$4,400		\$4,400	
STATE TCR	\$0,000	\$24,086	\$24,086	\$24,086	100%	\$24,086	100%	\$24,086	100%
PROP A 35%	\$0,000	\$3,923	\$3,923	\$1,857	47%	\$2,570	66%	\$1,303	33%
TOTAL	\$18,000	\$55,903	\$55,903	\$53,837	96%	\$54,550	98%	\$53,283	95%

NOTE: EXPENDITURES ARE CUMULATIVE THROUGH FEBRUARY 2011.

CONTRACT C0803 STATUS

Description: Tunnel, Stations, Trackwork & Systems Contractor: Eastside LRT Constructors	Contract No. C0803 Status as of: April 1, 2011																																				
Progress/Work Completed: <ul style="list-style-type: none"> * Resolved open items throughout the alignment * Executed "final quantity" contract modifications Areas of Concern: None	Major Activities (In Progress): <ul style="list-style-type: none"> * "As-built" submittals * Continued resolution of open items * Contract closeout activities Major Activities Next Period: <ul style="list-style-type: none"> * Complete "as-built" submittals * Contract closeout 																																				
Schedule Summary: <div style="display: flex; justify-content: space-between;"> <div>Date of Award:</div> <div>06/01/04</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Notice to Proceed:</div> <div>07/01/04</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Original Contract Duration:</div> <div>1795 CD</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Current Contract Duration:</div> <div>1887 CD</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Elapsed Time from NTP:</div> <div>2466 CD</div> </div> <div style="display: flex; justify-content: space-between;"> <div>Option D Contract duration</div> <div>90 CD Complete</div> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>Original Contract Dates</th> <th>Time Extension</th> <th>Current Contract</th> <th>Actual</th> <th>Variance CDs</th> </tr> </thead> <tbody> <tr> <td>Notice to Proceed</td> <td>07/01/04</td> <td>0</td> <td>07/01/04</td> <td>07/01/04</td> <td>0</td> </tr> <tr> <td>Milestone 1 - Contract Completion. Complete all systems integration testing and ready for MTA's pre-revenue operation testing.</td> <td>12/31/08</td> <td>319</td> <td>11/15/09</td> <td>11/15/09</td> <td>0</td> </tr> <tr> <td>Milestone 3 - Complete Universal Fare System Equipment area.</td> <td>04/30/08</td> <td>275</td> <td>01/30/09</td> <td>01/30/09</td> <td>0</td> </tr> <tr> <td>Milestone 5 - Vacate all staging areas and turn over to MTA.</td> <td>05/30/09</td> <td>457</td> <td>08/30/10</td> <td>08/30/10</td> <td>0</td> </tr> <tr> <td>Milestone 6 - Complete design and construction of Option D work.</td> <td>09/28/04</td> <td>0</td> <td>09/28/04</td> <td>09/28/04</td> <td>0</td> </tr> </tbody> </table>		Original Contract Dates	Time Extension	Current Contract	Actual	Variance CDs	Notice to Proceed	07/01/04	0	07/01/04	07/01/04	0	Milestone 1 - Contract Completion. Complete all systems integration testing and ready for MTA's pre-revenue operation testing.	12/31/08	319	11/15/09	11/15/09	0	Milestone 3 - Complete Universal Fare System Equipment area.	04/30/08	275	01/30/09	01/30/09	0	Milestone 5 - Vacate all staging areas and turn over to MTA.	05/30/09	457	08/30/10	08/30/10	0	Milestone 6 - Complete design and construction of Option D work.	09/28/04	0	09/28/04	09/28/04	0
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Physical Percent Complete: Physical completion * as of this reporting period is: 100% * Note: Physical completion assessment reflects work completed and work in progress.	Cost Summary: \$ In millions <table style="width: 100%;"> <tr> <td>1. Award Value:</td> <td style="text-align: right;">600.45</td> </tr> <tr> <td>2. Executed Modifications:</td> <td style="text-align: right;">9.49</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td style="text-align: right;">0.00</td> </tr> <tr> <td>4. Current Contract Value (1+2+3):</td> <td style="text-align: right;">609.94</td> </tr> <tr> <td>5. Incurred Cost:</td> <td style="text-align: right;">609.88</td> </tr> </table>	1. Award Value:	600.45	2. Executed Modifications:	9.49	3. Approved Change Orders:	0.00	4. Current Contract Value (1+2+3):	609.94	5. Incurred Cost:	609.88																										
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CONTRACT C0893 STATUS

Description: Pomona Atlantic Parking Structure Contractor: W. M. Klorman Construction Corp.		Contract No. C0893 Status as of: April 1, 2011																							
Progress/Work Completed: * Contract Closed Areas of Concern: None		Major Activities (In Progress): Major Activities Next Period: None																							
Schedule Summary: Date of Award: 12/15/08 Notice to Proceed: 01/14/09 Original Contract Duration: 400 CD Current Contract Duration: 456 CD Elapsed Time from NTP: 808 CD		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;"></th> <th style="width: 10%;">Original Contract Dates</th> <th style="width: 10%;">Time Extension</th> <th style="width: 10%;">Current Contract</th> <th style="width: 10%;">Actual</th> <th style="width: 10%;">Variance COs</th> </tr> </thead> <tbody> <tr> <td>Notice to Proceed</td> <td>01/14/09</td> <td>0</td> <td>01/14/09</td> <td>01/14/09</td> <td>0</td> </tr> <tr> <td>Milestone 1 - Substantial Completion</td> <td>02/18/10</td> <td>56</td> <td>04/15/10</td> <td>04/15/10</td> <td>0</td> </tr> </tbody> </table>							Original Contract Dates	Time Extension	Current Contract	Actual	Variance COs	Notice to Proceed	01/14/09	0	01/14/09	01/14/09	0	Milestone 1 - Substantial Completion	02/18/10	56	04/15/10	04/15/10	0
	Original Contract Dates	Time Extension	Current Contract	Actual	Variance COs																				
Notice to Proceed	01/14/09	0	01/14/09	01/14/09	0																				
Milestone 1 - Substantial Completion	02/18/10	56	04/15/10	04/15/10	0																				
Physical Percent Complete: Physical completion as of 7/01/10: 100% * * Note: Physical completion assessment reflects work completed and work in progress.		<table style="width: 100%;"> <tr> <td style="width: 70%;">Cost Summary:</td> <td style="width: 30%; text-align: right;">\$ In millions</td> </tr> <tr> <td>1. Award Value:</td> <td style="text-align: right;">8.15</td> </tr> <tr> <td>2. Executed Modifications:</td> <td style="text-align: right;">-0.07</td> </tr> <tr> <td>3. Approved Change Orders:</td> <td style="text-align: right;">0.00</td> </tr> <tr> <td>4. Current Contract Value (1+2+3):</td> <td style="text-align: right;">8.07</td> </tr> <tr> <td>5. Incurred Cost:</td> <td style="text-align: right;">8.07</td> </tr> </table>						Cost Summary:	\$ In millions	1. Award Value:	8.15	2. Executed Modifications:	-0.07	3. Approved Change Orders:	0.00	4. Current Contract Value (1+2+3):	8.07	5. Incurred Cost:	8.07						
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1. Award Value:	8.15																								
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3. Approved Change Orders:	0.00																								
4. Current Contract Value (1+2+3):	8.07																								
5. Incurred Cost:	8.07																								

CONTRACT C0933 STATUS

Description: Division 21 Body Shop Contractor: Ford E.C., Inc.		Contract No. C0933 Status as of: April 1, 2011					
Progress/Work Completed: * Completed site fencing on top of CMU walls * Installed ballast and sub-ballast outside the building * Poured curb, gutter and site concrete outside the building * Installed anchor pots at car hoist areas * Placed track and rail inside the building * Installed building metal stud framing and drywall * Installed OCS poles and hardware * Installed HVAC units and other equipment * Delivered car and truck repair hoists and turntables Areas of Concern: * None		Major Activities (In Progress): * Track outside the building by Metro * Car and truck repair hoists and turntables * Main feeder conduit and wiring pull inside the building * Lighting and plumbing * Building doors and windows * Building finishes * Ceramic Tile * Painting Major Activities Next Period: * AC paving * Test car and truck repair hoists and turntables * OCS wiring and energizing by Metro * Install infrared heaters and other equipment * Metal panels * Ceiling tiles * Fire sprinklers * Glazing * Testing					
Schedule Summary: Date of Award: 01/07/10 Notice to Proceed: 02/01/10 Original Contract Duration: 420 CD Current Contract Duration: 420 CD Elapsed Time from NTP: 425 CD			Original Contract Dates	Time Extension	Current Contract	Forecast / Actual	Variance CDs
		Notice to Proceed	02/01/10	0	02/01/10	02/01/10	0
		Milestone 1 - Substantial Completion	03/28/11	0	03/28/11	05/20/11	-53
Physical Percent Complete: Physical completion as of 3/31/10: 89.7% * * Note: Physical completion assessment reflects work completed and work in progress.		Cost Summary: 1. Award Value: 5.33 2. Executed Modifications: 0.31 3. Approved Change Orders: 0.17 4. Current Contract Value (1+2+3): 5.81 5. Incurred Cost: 5.30					

CONTRACT P2550 STATUS

Description: 2550 Rail Vehicle Program Contractor: AnsaldoBreda, Italy (AB)		Contract No. P2550 Status as of: April 1, 2011			
Progress/Work Completed: 1. As of April 1, 2011 forty-three vehicles have been conditionally accepted by MTA. 2. Vehicle final assembly work continues in Pittsburg, CA. 3. Shipment of foreign and domestic parts for final assembly continue to arrive in Pittsburg and Los Angeles, CA. 4. Several Engineering meetings with AB and its subcontractors have been held during the period to evaluate progress and to close open items. 6. Metro Management endorsed a plan to locate all P2550 vehicles at MGD and transfer all P2000 vehicles presently at MGD to MBL. The transfer is ongoing.		Major Activities (In Progress): 1. Pittsburg plant vehicle assembly work continues. Five vehicles remain and are under various level of assembly. 2. Daily/weekly project meetings are held to close open items. 3. Testing and acceptance of Vehicles 732 and 747 by end of April. 4. Other tests to be completed at MBL/Expo include qualification tests specific to ATP/TWC Systems and Trolley wire and current spikes at the Transit Mall. Major Activities Next Period: 1. Continue with Technical Progress meetings to emphasize resolution of remaining critical items for final acceptance of vehicles and contract closeout. 2. Project Team to meet with AB weekly specifically for final closeout of ten (10) FFGA vehicles. 3. Meet with AB on regular basis discussing specifically parts shortages to support revenue fleet and production parts for vehicles remaining at the Pittsburg Assembly Plant. 4. Delivery schedule calls for 48th vehicle delivered to MGD in end of June 2011. 5. Prototype vehicles 701 and 702 are to be delivered to MGD end of 2011.			
			Quantity	Contract Total Quantity	Balance Due
Schedule Summary: Date of Award: 04/24/03 Notice to Proceed: 06/06/03 Original Contract Duration: 1442 CD Elapsed Time from NTP: 2399 CD <					

APPENDIX

COST AND BUDGET TERMINOLOGY

ESTIMATED PROJECT COSTS: Estimated project costs are based upon the current project cost estimates that are produced during the engineering design phase.

COMMITMENTS: The total of actual contract awards, executed change orders or amendments, approved work orders of Master Cooperative Agreements, offers accepted for purchase of real estate, and other LACMTA actions that will result in specific expenditures at a future time.

INCURRED COST: The total value of work performed to date of services received, and acquired materials or properties.

EXPENDITURES: The total dollar amount of checks written by the LACMTA's Accounting department for contractor or consultant invoices, third party invoices, staff salaries, and closing payments for escrow accounts that is reported in the LACMTA's Financial Information System (FIS).

CONSTRUCTION: Includes guideways, yards and shops, systems equipment, stations, and vehicles.

PROFESSIONAL SERVICES: Includes general engineering, construction management services, consultant design support services during construction, legal counsel, and agency (LACMTA staff) costs.

RIGHT-OF-WAY: Includes real estate appraisals, purchase cost of parcels, easements, right-of-entry permits, escrow fees, and tenant relocation.

UTILITY/AGENCY FORCE ACCOUNT: Includes work by outside agencies and utilities in design coordination and review.

CONTINGENCY: A fund established at the beginning of a project to provide for anticipated but unknown additional costs that may arise during the course of the project.

SPECIAL CONDITIONS: Includes utilities relocation, environmental compliance and mitigation, master cooperative agreements, insurance program, artwork, systems integration testing and pre-revenue operations.