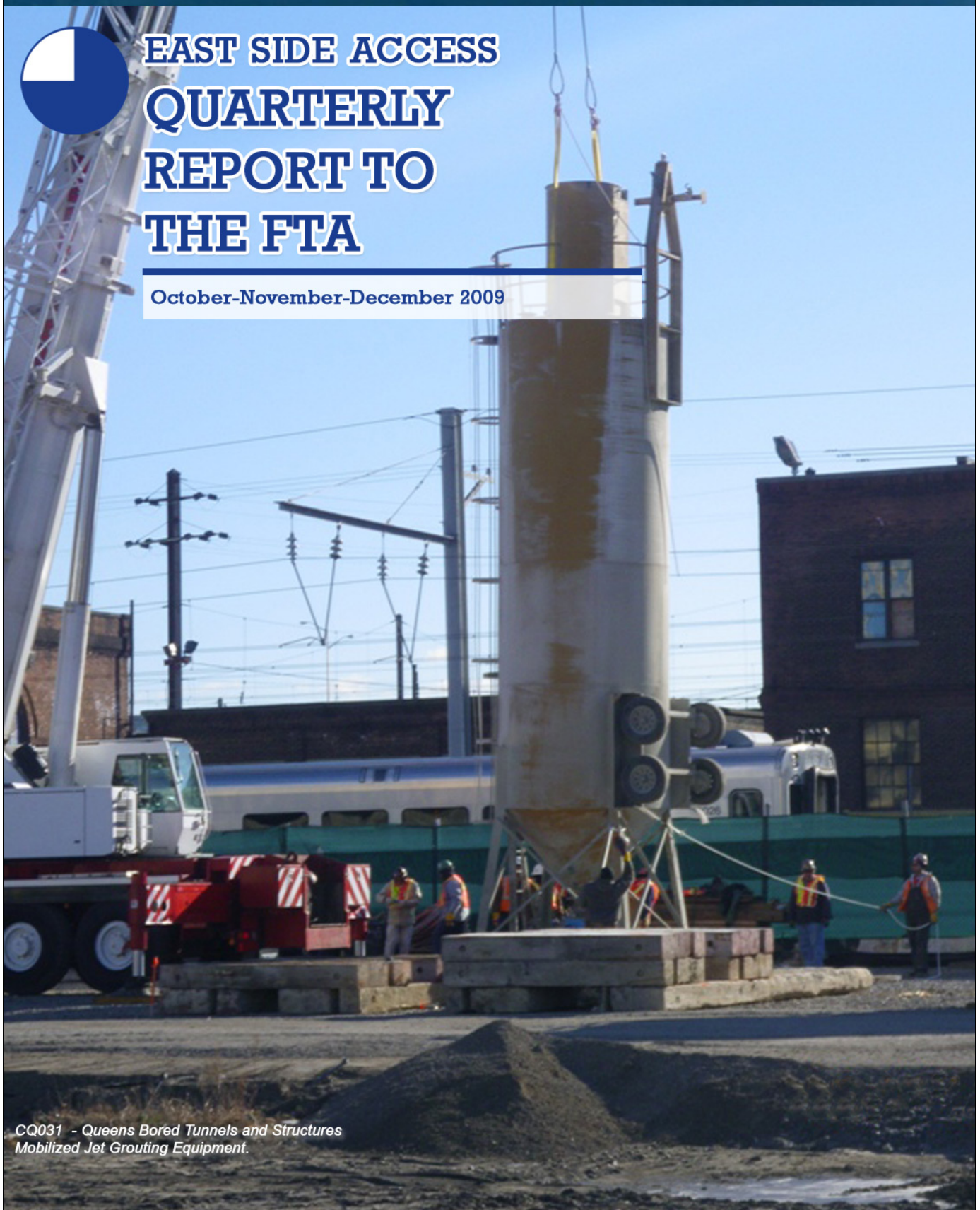




EAST SIDE ACCESS QUARTERLY REPORT TO THE FTA

October-November-December 2009



*CQ031 - Queens Bored Tunnels and Structures
Mobilized Jet Grouting Equipment.*

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Quarterly Review Report – 4th Quarter '09

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Executive Summary

Status of ESA Budget and Schedule

BUDGET
TOTAL (millions)

<i>Budget</i>	<i>Awards</i>	<i>Invoiced</i>
\$ 7,328.0	\$ 3,625.4	\$ 1,947.2

% Budget

49%

27%

% Awards

56%

Note: The budget and schedule reflect the September 2009 rebaseline as approved by the MTA Board

CONSTRUCTION ONLY

(millions)

<i>Budget</i>	<i>Awards*</i>	<i>Invoiced</i>
\$ 5,590.5	\$ 2,610.9	\$ 1,044.7

% Budget

47%

19%

% Awards

43%

*Awards reflect current contract values.

CONTINGENCY (millions)

Contingency

FFGA Baseline	\$ 855
Sept '09 Baseline	\$ 424
Current Contingency	\$ 391

COMPLETED CONTRACTS

Eighteen contracts valued at \$368.5 million

Contracts Completed This Quarter
*Madison Yard Prep (CS780)
GCT Instrumentation (CS800)
Emergency Work Civil/Structural (CQE28-01)*
ACTIVE CONTRACTS

Twenty seven contracts valued \$ 2.421 billion

Contracts Awarded This Quarter
50th Street Vent Plant (CM013)

Value includes unexecuted options for CQ031 and CM019.

2010 PLANNED AWARDS (Budget)

2010 commitments total approximately \$680 million. Major awards include:

Northern Blvd. Crossing (CQ039)
3rd Party Stimulus Materials (CS099)
Elevators and Escalators (VM014) – Partial award anticipated
DESIGN

88% complete as of 12/31/09

TOTAL PROJECT

23% complete as of 12/31/09

1st Qtr '10 work plan includes:

2 contracts achieving 30% submittal

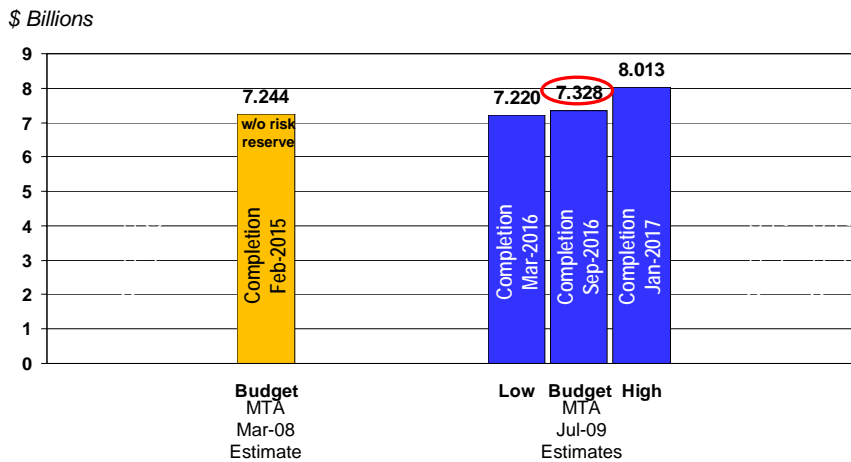
1 contracts achieving 60% submittal

6 contracts achieving 90% submittal

Budget and Schedule Review

- In September, the MTA Board approved the 2010-14 Capital Program which included a revised budget and schedule for East Side Access. The budget was raised to \$7.328 billion and the Revenue Service date is September 2016. The NYSCPRB disapproved this plan without prejudice on December 2009. The MTA will resubmit the plan during 2010. This will not impact the project through August.
- A series of working sessions were held between MTACC, FTA and the PMOC on developing an Enterprise Level Project Execution Plan that will be used as a tool for managing risks for both the East Side Access and the Second Avenue Subway projects.

East Side Access – Budget & Schedule



Note: July 2009 values exclude \$463M in rolling stock costs, now budgeted elsewhere.

American Recovery and Reinvestment Act (ARRA)

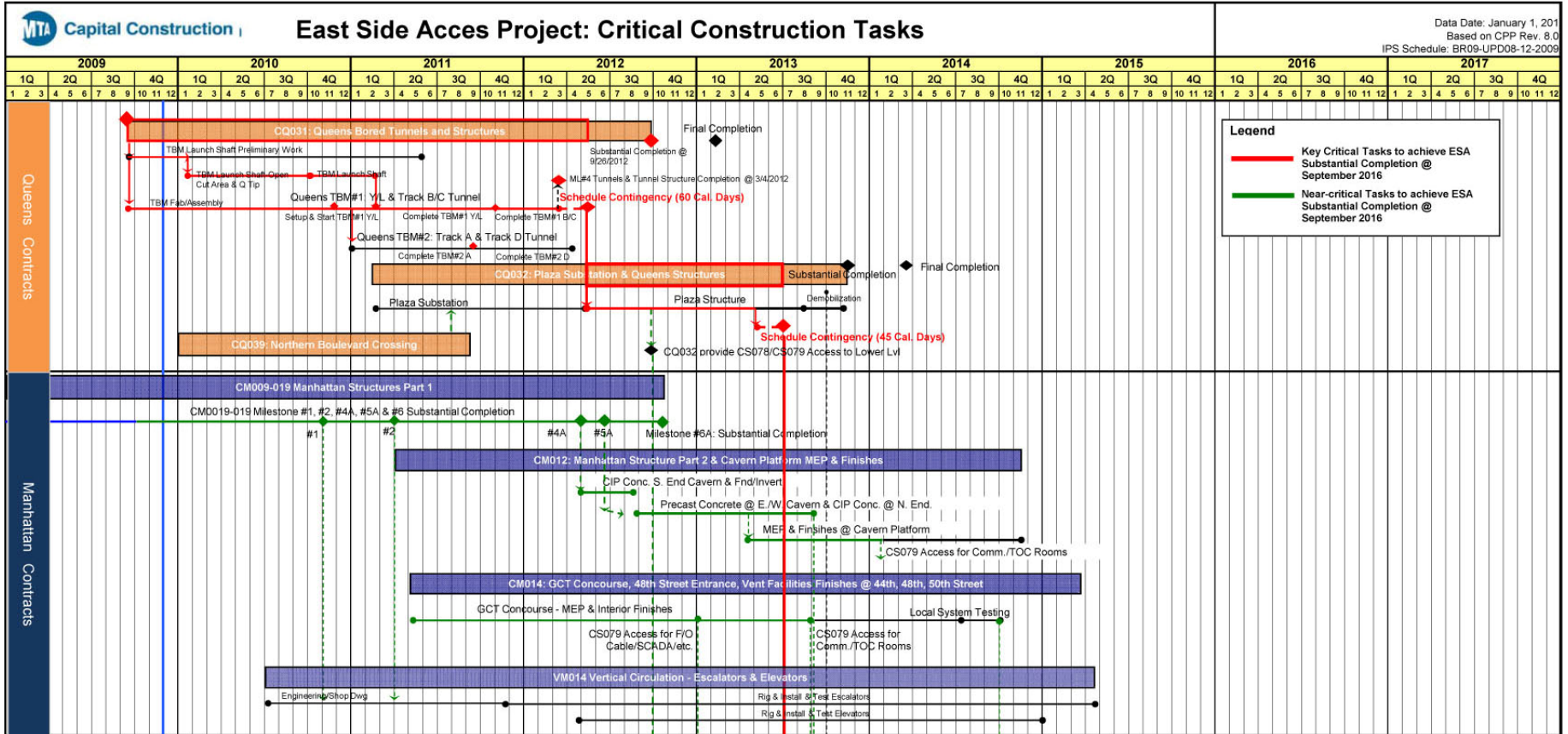
- MTA has submitted a grant to the FTA for use of \$195.4 million in funds made available through the ARRA.

Highlights

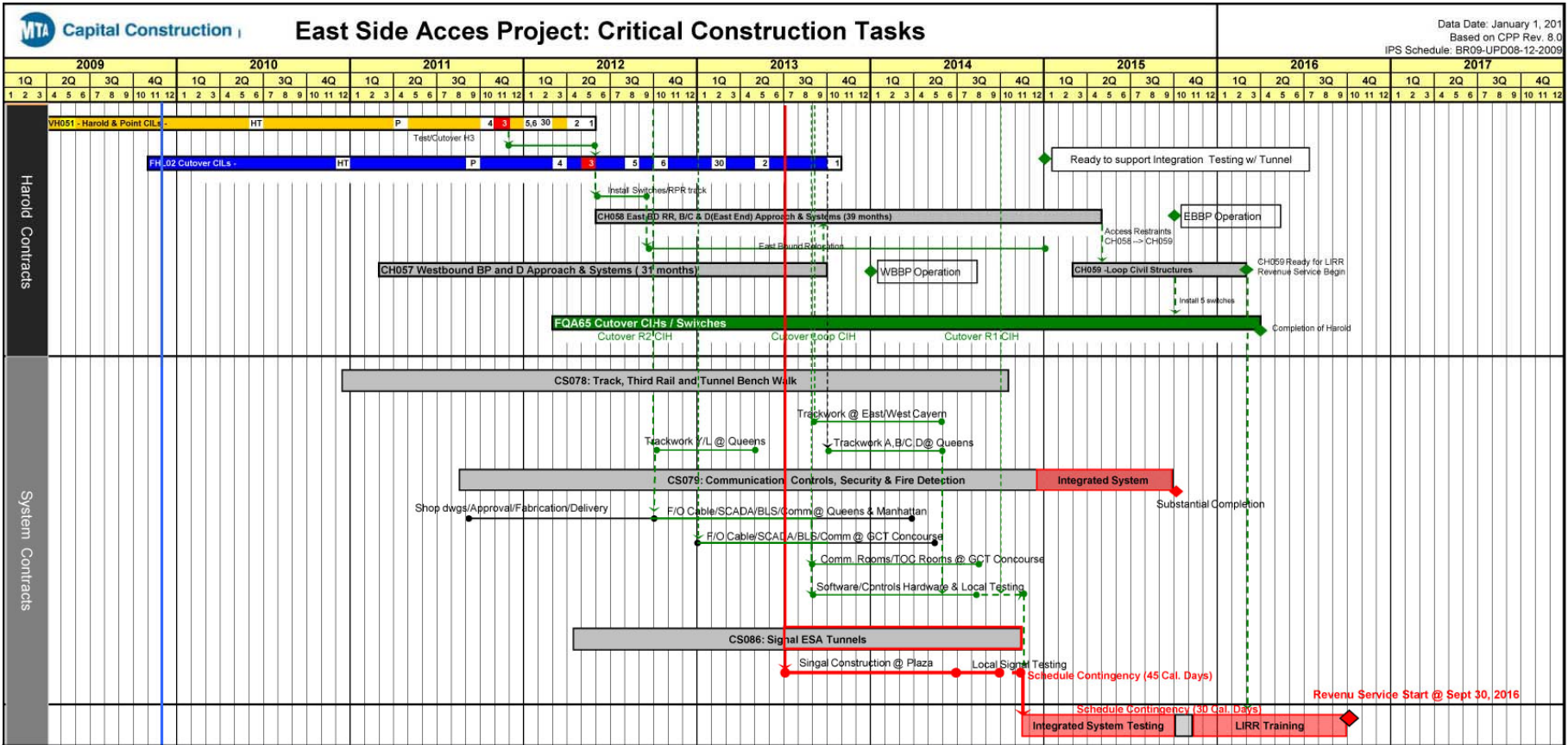
- The contract for *Queens Bored Tunnels and Structures (CQ031)* was awarded to Granite-Traylor Brothers-Frontier Kemper Joint Venture. This contract includes the excavation and the precast concrete lining of four bored tunnels beneath Sunnyside Yard and Harold Interlocking.
- The contract for the *50th St. Ventilation Facility (CM013)* was awarded to CCA Civil-Halmar International. This contract includes building demolition and instrumentation including environmental abatement, termination of utility connections, and construction of a new ventilation building structure and vertical utility shaft.

- Reached substantial completion for contract *Emergency Work Civil/Structural (CQE28-01)*.
- Excavation of Shaft 5 reached the adit in the tunnel caverns establishing the first link between Madison Yard and the cavern. A construction elevator was added to the 80' shaft providing improved access to tunneling operations.
- LIRR successfully completed the pre-cutover signal circuit revisions and testing for crossovers 821 and 823 within Harold Interlocking. The testing took 54 hours and included all applicable Federal Railroad Administration and LIRR tests.
- Installed the 109' Harold Access Bridge girders (CH053) during a weekend outage. Completion of the new bridge in the spring 2010, this will allow improved access to work sites.
- Excavation started in the Manhattan East Bound Main Cavern and continues in the West Bound Main Cavern.

Project Construction Critical Tasks (Page 1 of 2)



Project Construction Critical Tasks (Page 2 of 2)



Quarterly Review Report – 4th Quarter '09

Active Construction Contracts Summary

NTP	Substantial Completion			Cost Expenditure % Complete		Current Budget (\$M)	Original Contract Award (\$M)	Current Approved Contract (\$M)	Estimate at Completion (\$M)	Remarks
	Plan		Forecast	Plan*	Actual					
	Orig	Revised								
MANHATTAN / BRONX										
CM009 – Manhattan Tunnels Excavations										Dragados-Judlau
7/10/06	07/10	03/12	10/12	65.9/66.9%	62.7%	450.3	427.9	443.4	450.3	Project team is working with contractor to mitigate delays and recover schedule.
CM019 – Manhattan Structures 1										Dragados-Judlau
04/01/08	03/12	03/12	10/12	22.7/25.9%	20.2%	779.8	499.9	509.8	779.8**	Project team is working with contractor to mitigate delays and recover schedule.
CM008A – Madison Yard Site Clearance										Gramercy Group, Inc.
03/09/09	06/10	06/10	06/10	64.7/78.5%	62.4%	40.9	39.0	39.4	40.9	Contractor is now in full production and is preparing a plan to recover schedule.
CM004 – 44th St. Demolition & Construct Fan Plan Structure & 245 Park Ave. Entrance										Yonkers Contracting Company, Inc.
09/16/09	09/11	09/11	09/11	1.1/1.7%	1.5%	42.8	40.8	40.8	42.8	Progressing on schedule.
CM013 – 50th St. Vent Facility										CCA Civil-Hilmar International
01/10	06/12	06/12	06/12	0.0	0.0	99.1	94.4	94.4	99.1	Progressing on schedule.
FM216 – MNR Traction Power MODs & 13.2 kV Loop										TC Electric
09/25/08	03/10	03/10	06/10	82.9/87.0%	50.2%	14.8	13.8	14.1	14.8	Project team is working with MNR to improve access to the requested tracks. No impact to revenue service date.
CS790 – GCT Protection Works										Ad Tech Enterprises
10/23/08	10/09	06/10	06/10	77.0%	64.0%	12.9	10.3	12.0	12.9	Contract is behind schedule due to MNR operations and ongoing blasting under CM019 limiting work areas.
QUEENS										
CQE28-02 – Emergency Work Environmental										Impact Environmental
07/14/08	08/09	10/09	01/10	99.0%	96.2%	3.2	8.0	3.0	3.2	Remaining work scope transferred to CQ031.
CS810 – Queens Instrumentation										Wang Technology
05/06/09	05/09	05/10	05/10	48.0%	44.1%	2.7	2.7	2.7	2.7	Progressing on schedule.
CQ031 – Queens Bored Tunnels and Structures										Granite-Traylor-Frontier Joint Venture
09/28/09	09/12	09/12	09/12	9.5/11.4%	4.4%	756.8	659.2	659.2	756.8**	Original scope of work delayed so contractor can undertake slurry wall repairs (change order) prior to open-cut excavation.

*Late/ Early Plan

**EAC assumes contract options will be exercised

Quarterly Review Report – 4th Quarter '09

NTP	Substantial Completion			Cost Expenditure % Complete		Current Budget (\$M)	Original Contract Award (\$M)	Current Approved Contract (\$M)	Estimate at Completion (\$M)	Remarks
	Plan		Forecast	Plan*	Actual					
	Orig	Revised								
HAROLD INTERLOCKING										
CH053 – Harold Structures Part 1 and GO2 Substation										Perini Corp.
01/02/08	05/10	05/10	01/12	85.4/98.8%	32.8%	152.7	137.3	146.9	179.7	A revised baseline schedule is being finalized.
CH054A – Harold Structures Part 2A										Perini Corp.
08/09	12/10	12/10	12/10	6.6/11.9%	0.9%	27.1	21.8	21.8	27.1	Work started later than anticipated. Project team is working with the contractor to mitigate schedule impact.
FHA01 – Harold Stage 1 – Amtrak										Amtrak Direct Force Account
06/1/07	09//09	09/10	11/11	85.9%	49.1%	16.8	12.4	13.9	16.8	Behind schedule due to the issues of catenary staging plan and redesign (CH053).
FHA02 – Harold Early Stage 2 – Amtrak										Amtrak Direct Force Account
12/08	08/10	08/10	04/10	45.4%	85.1%	4.1	4.1	4.1	3.5	Progressing ahead of schedule (early stage 2) and under budget. (partial budget)
FHL01 – Harold Stage 1 – LIRR										LIRR Direct Force Account
6/29/07	01/10	10/10	10/11	70.9%	50.9%	20.8	28.8	20.8	20.8	Behind schedule due to the issues of catenary staging plan and redesign (CH053).
FHL02 – Harold Early Stage 2 – LIRR										LIRR Direct Force Account
08/09	04/10	04/10	04/10	38.9%	39.5%	5.8	5.8	5.8	5.8	Progressing ahead of schedule (early stage 2). (partial budget)
FHA62 – F Interlocking CIH										Amtrak Direct Force Account
09/11/08	0/10	08/10	11/10	56.4/88.3%	58.0%	8.2	6.9	6.9	8.2	Schedules have been revised to reflect delivery schedule changes. No impact to follow-on contracts.
VHA02 – Procure Harold Material Stage 2 – Amtrak										Amtrak Procurement
01/09	08/13	08/13	08/13	9.0%	9.0%	13.2	6.0	6.0	13.2	Progressing on schedule.
VHL02 – Procure Harold Material Stage 2 – LIRR										LIRR Procurement
01/09	08/13	08/13	08/13	7.0%	7.0%	26.2	6.0	6.0	26.2	Progressing on schedule.
VH051 (Part 1) – Harold and Point CILs										Ansaldo STS USA, Inc
05/11/09	06/12	06/12	09/13	2.3/7.0%	4.3%	30.8	25.8	25.8	30.8	Deliveries of CILs have slipped but will not impact ESA project end date.
VH051 (Part 2) – Harold Tower Supervisory Control System										ARINC, Inc.
02/03/09	05/12	05/12	12/10	31.0/40.0%	34.0%	7.1	5.4	5.4	7.1	Progressing on schedule.

*Late/ Early Plan

Manhattan Active Contracts



Manhattan Tunnels Excavation (CM009) – The Manhattan tunnels excavation contract includes procurement of two 22 foot diameter rock tunnel boring machines (TBM), in installation of temporary utilities, excavation of chambers and wyes, TBM (4 drives) excavation of approximately 25,000 linear feet (lf) of tunnels and final concrete lining of 11,600 lf of the running tunnels.

Manhattan Structures (CM019) – Excavation and lining of four tunnel drives, shafts, escalator well-ways, air plenums, cross-passages, and caverns mainly under Grand Central Terminal (GCT).

Madison Yard Site Clearance (CM008A) – Dismantle rail, ballast, concrete slab, crash walls, two platforms, and miscellaneous buildings; Demolish elevators and remove accompanying mechanical/electrical equipment. Duct removal and installation and fan work, and all other mechanical/electrical systems. Construct new MNR Commissary.

44th St. Demolition & Construct Fan Plant Structure & 245 Park Ave. Entrance (CM004) – 47 E. 44th Street: Demolish existing building, perform soil and rock excavation. Construct shell of new building. 245 Park Avenue Entrance: Conduct environmental abatement and demolition; construct new foundations, walls and supports, furnish and install escalator. Install architectural finishes, plumbing, fire protection, HVAC, lighting, power, fire alarm, and communication systems.

50th St. Ventilation Facility (CM013) – Construction of new ventilation building structure and vertical utility shaft for m building foundation at 50th St.

MNR Traction Power MODs & 13.2 kV Loop (FM216) – Furnish, deliver and install automated system for motor-operated disconnect switches (MODs). Scope of work also includes reconfiguration of 13.2kV Traction Power feeder cables.

GCT Protection Works (CS790) – Make all necessary concrete repairs to roof slabs, columns and beams and install protective netting in GCT from 42nd thru 51 Streets (Upper Level Tracks 32 thru 42, Lower Level Tracks 113 thru 115).

Active Projects – Manhattan

CM009 – Manhattan Tunnels Excavation

Oct, Nov, Dec '09

Contractor: Dragados/Judlau
Construction Manager: Mike Pujdak

LONP#: 8
FTA Grant: NY-03-0344

Construction

Description: The Manhattan tunnels excavation contract includes procurement of two 22 foot diameter rock tunnel boring machines (TBM), installation of temporary utilities, excavation of chambers and wyes, TBM (4 drives) excavation of approximately 25,000 linear feet (lf) of tunnels and final concrete lining of 11,600 lf of the running tunnels.



Ring Gantry Ready for Disassembly at GCT East Bound.



Ring Gantry at Rib 3 Cathedral..

Schedule and Cost

Progress:

TBM Mining Data					
	Length (lf)	Start Date	4th Qtr (CY)	Cum lf	% Complete
EAST	3,108*	05/26/09 A	0	3,108	100
WEST	5747	07/06/09 A	2,021	3,324	57.8

* Length adjusted to account for additional footage mined w/ Roadheader (~ 5 ft)

Excavation Data					
	Volume (CY)	Start Date	4th Qtr (CY)	Cum CY	% Complete
Cross Flue	2,500	9/17/2008 A	88	425	17 %
TT1	7,599	4/28/2009 A	0	867	11.4 %
GCT 5 East W.	600	11/2/2009 A	427	427	71.2 %
CP 4	410	11/6/2009 A	103	103	25.1 %

1. Rib removal in between Crossover & GCT EB is completed; GCT 5 EB excavation is ongoing.
2. Contract mining ongoing at West Bound lower drive
3. Excavation at Cross passage 4, TT1 and Cross flue is ongoing

Schedule: MTA conditionally approved a recovery schedule. The current schedule shows a delay of 6.7 months. The project team is working with the contractor to mitigate schedule impact and find additional opportunities to recover delays.

Cost: The project is within budget. Current budget increased due to scope transfer of 38th St. Vent Plant from *Manhattan Structures 2 and Facilities Fit-Out (CM012)*. There are several cost saving opportunities being reviewed.

Contract Modifications: As of 12/31/09, twenty two modifications, for a total of \$15,456,402 have been executed including the scope transfer.

Milestones CM009*

Milestones Description	Current Approved Plan	Actual /Forecast
Advertise (RFP)	01/06	01/06 (A)
NTP	07/06	07/06 (A)
Start Tunnel Mining	09/07	09/07 (A)
Substantial Completion	03/12	10/12
Close-Out	08/12	12/12

Schedule Progress	4th Qtr		Cumulative	
	Plan**	Actual	Plan**	Actual
Cost Expenditure				
Percent Complete	5.4/8.4	4.7	65.9/66.9	62.7

* Milestones reflects combine CM009/CM019 Rebaseline schedule

** Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

	CM009	F/A Support	Total
Budget at Award	449,351	4,041	453,393
Current Budget	450,309	4,120	454,429
Original Award	427,954	3,924	431,878
Approved Changes	15,456	0	15,456
Current Contract Value	443,410	3,924	447,334
Invoiced Amount	278,459	1,311	279,770
Estimate at Completion	450,309	4,120	454,429

Critical Issues: Mitigation of CM009/19 integrated schedule impacts.

Quarterly Review Report – 4th Quarter '09

Coordination Required

Real Estate: All properties and easements are secured for tunnel construction. MTA sent mailings to owners regarding contract NTP, zones of influence, pre-construction survey, instrumentation, and monitoring.

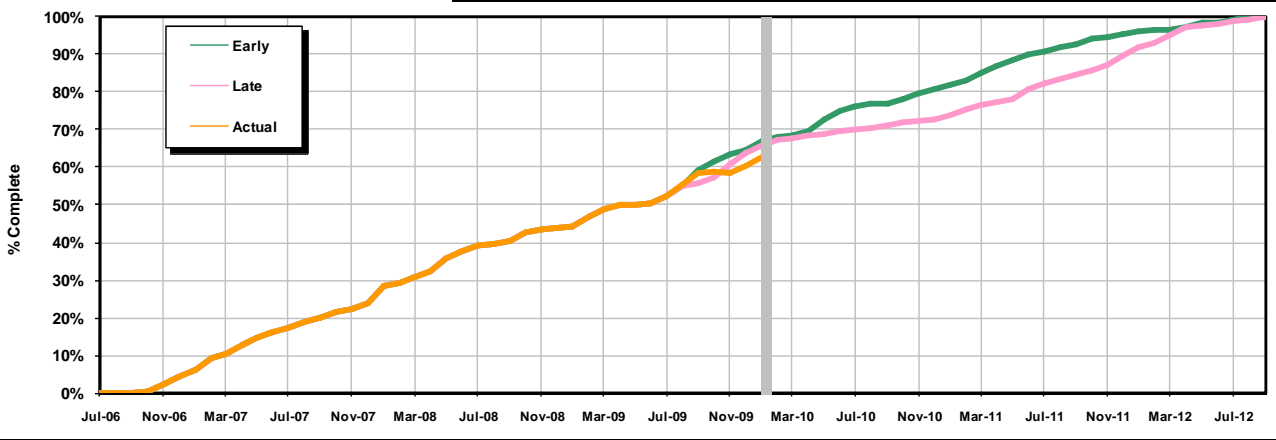
Railroad Agencies: Flagging and access protection are being provided by MNR and NYCT.

MOU: N/A

Permits: The contractor is responsible for securing the following:

- Blasting Permit – FDNY: Permit received
- Water Discharge Permit – NYCDEP: Permit received but contractor is seeking a variance
- Lane Closure Permits – NYCDOT: Permit received for 2nd Ave. and Northern Blvd

Progress (CM009)



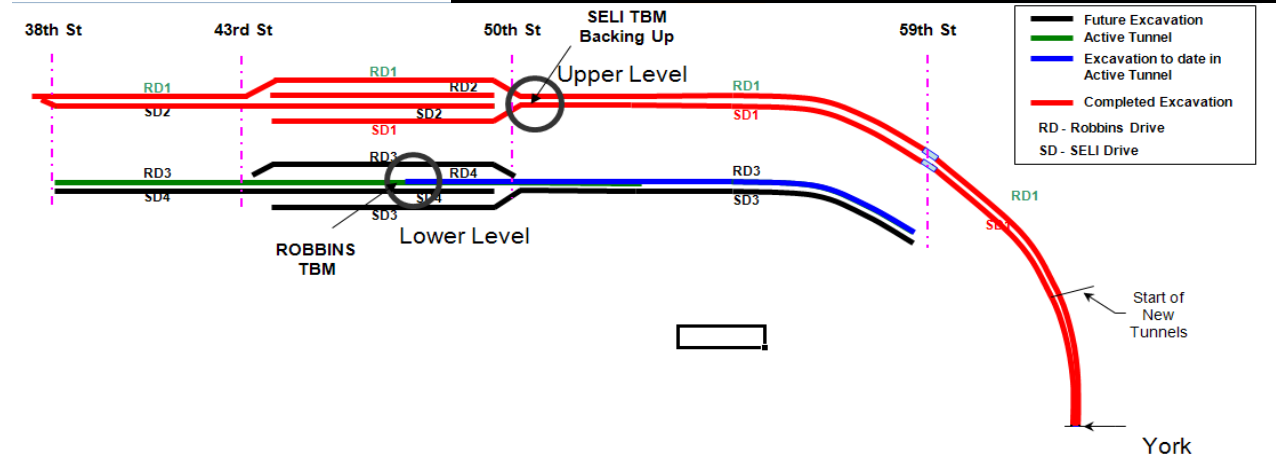
Safety

- Zero Lost Time Accidents this month
- Updated safety training, and reinforced best practices
- Continued ongoing safety walk-thru of sites

	Project	Contract	BLS**('07)
Lost Time Accidents	2.18	2.95	2.60

*The project performance statistics are based on construction hours only
 **Bureau of Labor Statistics/National Industry Average

Site Map



CM019 – Manhattan Structures Part 1

Oct, Nov, Dec '09

Contractor: Dragados-Judlau

Construction Manager: Mike Pujdak

FTA Grant: NY-03-0344

Construction

Description: Excavation and lining of four tunnel drives, shafts, escalator well-ways, air plenums, cross-passages, and caverns mainly under Grand Central Terminal (GCT).



Mucking out at Wellway #4.



Hoe Ramming at Shaft #4.

Schedule and Cost

Progress:

WB GCT Main Cavern Excavation					
Segment	Cut #	Total (CY)	4 th Qtr. (CY)	Cum (CY)	% Complete
Total		95,842	1,541	9,616	10.0
Top Heading	1 & 1A	9,872	302	3,556	36.0
	2 & 2A	9,872	85	2,142	21.7
	3	11,864	1,154	1,714	14.4
Bench I	4 & 4A	11,525	0	2,204	19.1
Bench II	5	16,058	0	0	0.0
	6	16,058	0	0	0.0
Bench III	7	20,592	0	0	0.0
EB GCT Main Cavern Excavation					
Segment	Cut #	Total (CY)	4 th Qtr. (CY)	Cum (CY)	% Complete
Total		95,842	820	3,212	3.3
Top Heading	1 & 1A	9,872	0	0	0.0
	2 & 2A	9,872	0	0	0.0
	3	11,864	388	655	5.5
Bench I	4 & 4A	11,525	432	2,557	22.2
Bench II	5	16,058	0	0	0.0
	6	16,058	0	0	0.0
Bench III	7	20,592	0	0	0.0

CY - Cubic Yard;

Shafts & Escalators Excavation				
Location	Total (CY)	4 th Qtr. (CY)	Cum (CY)	% Complete
Shaft 5	1,695	819	1,334	78.8
Shaft 4	4,389	851	1,465	33.0
Shaft 3	3,533	915	1,124	32.0
Wellway 4	1269	350	350	27.5

1. Completed load transfer at Wellway#4 and continued installation of steel beams at Wellway #3
2. Excavation ongoing at EB and WB Caverns
3. Blasting ongoing at Shaft 3, mechanical excavation ongoing at Shaft 4, Wellway 4, 3, 2, 1

Schedule: MTA conditionally approved a recovery schedule. Current schedule is showing delay of 6.7 months. Project team is working with contractor to mitigate schedule impact and to find opportunities to recover delays.

Cost: The contract was awarded for \$499 million. An option exists that when exercised will increase the contract value to \$734 million. Current budget increased due to scope transfer of 38th St. Vent Plant from CM012. There are several cost saving opportunities being reviewed.

Milestones CM019*

Milestones Description	Current Approved Plan	Actual/Forecast
Advertise (RFP)	02/07	02/07 (A)
NTP	04/08	04/08 (A)
Substantial Completion	03/12	10/12
Close-Out	08/12	12/12

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan**	Actual	Plan**	Actual
Percent Complete	7.8/10.7	5.5	22.7/25.9	20.2

* Milestones reflects combine CM009/CM019 Rebaseline schedule
 **Percent complete based on the current contract value with the option
 **Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

	CM019	F/A Support	Total
Budget at Award	756,020	28,712	784,732
Current Budget	779,859	33,449	813,308
Original Award	499,987	13,893	513,880
Approved Changes	9,805	0	9,805
Current Contract Value	509,792	13,893	523,685
Invoiced Amount	149,442	7,724	157,166
Estimate at Completion	779,859	33,449	813,308

Contract Modifications: As of 12/31/09, eight modifications, for a total of \$9,805,785 have been executed including the scope transfer.

Critical Issues: ESA and Dragados-Judlau continue to develop strategies to ensure no impact to MNR operations from blasting.

Quarterly Review Report – 4th Quarter '09

Coordination Required

Real Estate: All properties and easements are secured.

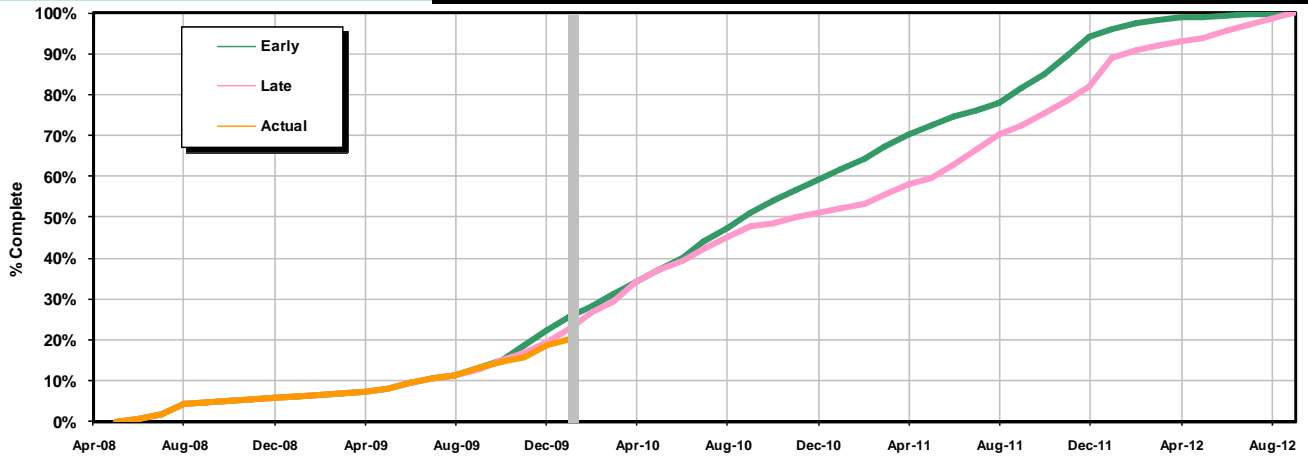
Railroad Agencies: Flagging and access and protection are being provided by MNR and NYCT.

MOU: N/A.

Permits: The contractor is responsible for securing the following:

- Blasting Permit – FDNY: Permit received.
- Lane Closure Permits – NYCDOT: Permit received for Park Ave utility work.

Progress (CM019)



Safety

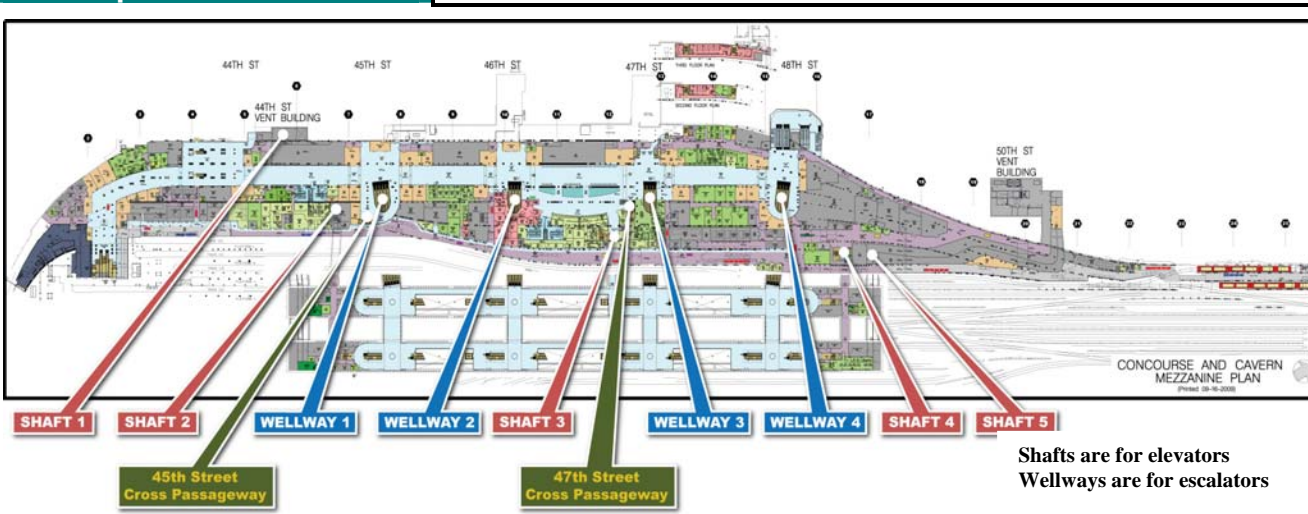
- Continue ongoing safety walk-thru of sites continues
- The contractor continues to maintain appropriate ventilation and housekeeping

Safety Statistics*			
<i>(Cumulative Incidents per 200,000 work-hours)</i>			
	Project	Contract	BLS**('07)
Lost Time Accidents	2.18	1.24	2.60

*The project performance statistics are based on construction hours only

**Bureau of Labor Statistics/National Industry Average

Site Map



CM008A – Madison Yard Site Clearance

Oct, Nov, Dec '09

Construction

Contractor: Gramercy Group, Inc.

Construction Manager: Daniel Connor

FTA Grant: ARRA Stimulus Fund

Description: Dismantle rail, ballast, concrete slab, crash walls, two platforms, and miscellaneous buildings; Demolish elevators and remove accompanying mechanical/electrical equipment; Remove 45th St. cross passage walls and floor for Shaft 2; Relocate 46th St. out of well way 2 excavation footprint; Plumbing: Above and below slab pipe removals and relocations and new pipe installations, HVAC: Duct removal and installation and fan work, and all other mechanical/electrical systems. Construct new MNR Commissary.



Formwork and Rebar for New Crash Wall.



Concrete Masonry Unit Work at East Perimeter Wall.

Schedule and Cost

Progress:

1. Completed installation of emergency mine phones in Madison Yard
2. Continued excavation for East Perimeter Wall and concrete placement for footings and crash wall
3. Continued installation of temporary/interim drainage items and overhead permanent drainage items
4. Continued concrete masonry unit (CMU) work at the East Perimeter Wall
5. Continued installation of rebar and formwork for the new Commissary footings. Formwork and rebar for piers and slab has commenced.

Schedule: The contractual intent of Milestones 2 and 3 have been met and the follow-on contractor is occupying the area and is working as planned. Some miscellaneous construction activities were not completed within the contractual deadlines established for Milestones 2 and 3. The contractor has requested those activities be shifted out of the milestone description. This request is under review.

The contractor is in full production and is preparing a recovery schedule for activities that will not be considered for time adjustments by MTACC.

Cost: Project is within budget.

Critical Issues: Construction of concrete masonry unit (CMU) demising wall will not be completed during the 4 month track outage agreement with MNR. MNR has agreed to extend Track#115 continuous outage.

Contract Modifications: As of 12/31/09, eight modifications, for a total of \$399,817 have been executed.

Milestones CM008A		
Milestones Description	Current Approved Plan	Actual/Forecast
Advertise (IFB)	08/08	08/08 (A)
NTP	03/09	03/09 (A)
Complete All Work (Excluding Perimeter Wall) North of Gridline 10.5	09/09	10/09 (A)
Complete All Work (Excluding Perimeter Wall and MNR Commissary Work) South of Gridline 10.5	11/09	01/10
Substantial Completion	06/10	06/10
Close-Out	08/10	08/10

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan*	Actual	Plan*	Actual
Percent Complete	6.7/7.7	15.1	64.7/78.5	62.4

*Late/ Early Plan

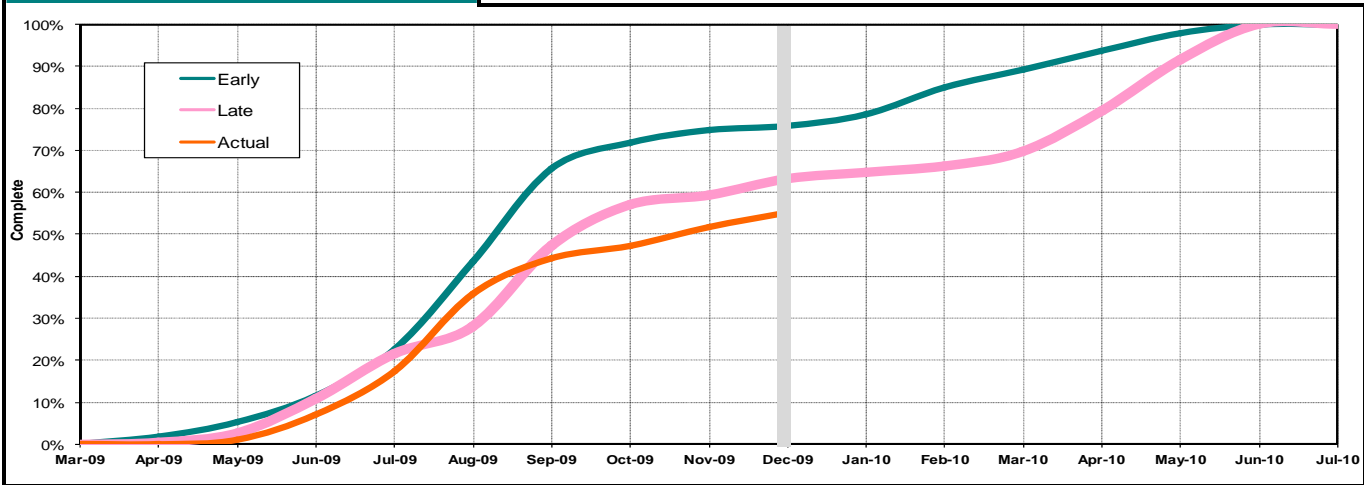
Contract Costs (\$000) as of 12/31/09			
	CM008A	F/A Support	Total
Budget at Award	40,932		40,932
Current Budget	40,932		40,932
Original Award	38,983		38,983
Approved Changes	400		400
Current Contract Value	39,383		39,383
Invoiced Amount	24,332		24,332
Estimate at Completion	40,932		40,932

Quarterly Review Report – 4th Quarter '09

Coordination Issues

Real Estate: N/A
Railroad Agencies: MNR
MOU:
Permits: Demolition permit received. Construction permit received

Progress (CM008A)



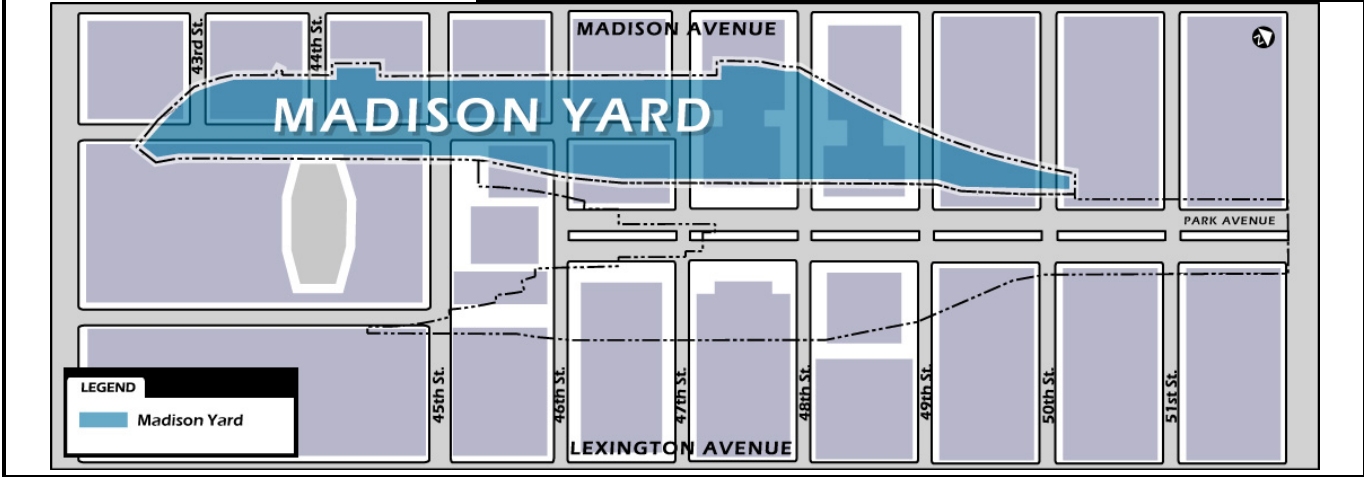
Safety

- Zero Lost Time Accidents
- Continued ongoing safety walk-thru of sites
- The contractor continues to maintain appropriate ventilation and housekeeping during demolition

Safety Statistics* (Cumulative Incidents per 200,000 work-hours)			
	Project	Contract	BLS**('07)
Lost Time Accidents	2.18	0.00	2.60

*The project performance statistics are based on construction hours only
 **Bureau of Labor Statistics/National Industry Average

Site Map



LEGEND
 Madison Yard

CM004 – 44th St. Demolition & Construct Fan Plant Structure & 245 Park Ave. Entrance

Oct, Nov, Dec '09

Contractor: Yonkers Contracting Company, Inc.
Construction Manager: Daniel Connor

FTA Grant: ARRA Stimulus Funds

Construction

Description: 47 E. 44th Street: Remove hazardous material, demolish existing building, perform soil and rock excavation. Construct shell of new building. Frame and partially fit out new building. 245 Park Avenue Entrance: Conduct environmental abatement and demolition; construct new foundations, walls and supports, furnish and install escalator. Install architectural finishes, plumbing, fire protection, HVAC, lighting, power, fire alarm, and communication systems.



Existing Building to be Demolished at 47 East 44th Street.



Building to be Modified for Future 245 Park Avenue Entrance.

Schedule and Cost

Progress:

1. Conducted readiness review for mobilization and commencement of 245 Park Ave entrance work
2. Acquired Maintenance and Protection of Traffic (lane closing) permits for both street locations, 47 East 44th Street and 245 Park Avenue
3. Disconnected existing utilities services as required for issue of a demolition permit
4. Continue review of submittals and work plans
5. Continue planning workshops with the contractor
6. Continue coordination with neighboring properties adjacent to the worksites
7. Continue acquisition of required permits for demolition and construction work

Schedule: Baseline schedule has been received and is under review.

Cost: Current Budget adjusted to reflect award value and revised contingency.

Contract Modifications: As of 12/31/09, one modification for zero dollars has been executed.

Critical Issues: None.

Milestones CM004

Milestone Description	Current Approved Plan	Actual/Forecast
Advertise (IFB)	12/08	12/08 (A)
NTP	09/09	9/09 (A)
Substantial Completion	09/11	09/11
Close-Out	12/11	12/11
Schedule Progress	4th Qtr	
Cost Expenditure	Plan*	Actual
Percent Complete	1.1/1.7	1.5
	Cumulative	
	Plan*	Actual
	1.1/1.7	1.5

*Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

	CM004	FA Support	Total
Budget at Award	42,803		42,803
Current Budget	42,803		42,803
Original Award	40,765		40,765
Approved Changes			
Current Contract Value	40,765		40,765
Invoiced Amount	628		628
Estimate at Completion	42,803		42,803

Coordination Required

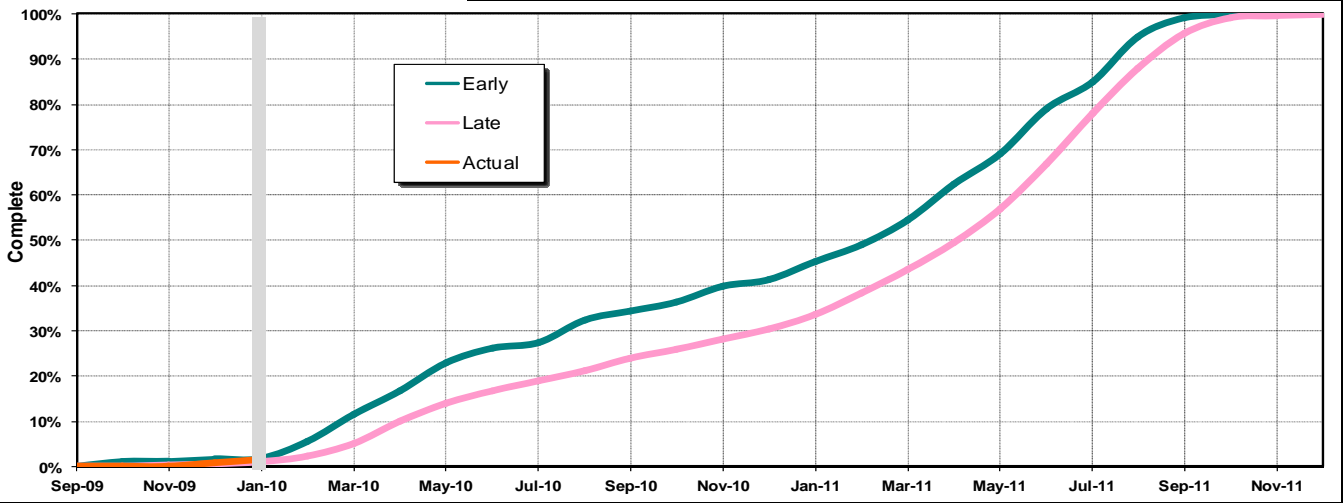
Real Estate: 47 E.44th St. acquired and vacated; NYC Planning Commission approved 245 Park Ave. place change of use in Plaza area. Agreement was signed on April 14, 2009.

Railroad Agencies: MNR and LIRR.

Permits: Acquiring demolition, sidewalk and construction permits. MPT (lane closing) permits have been issued by DOT.

MOU: MOU with MNR executed.

Progress (CM004)



Safety

- Continued ongoing safety walk-thru of sites

Safety Statistics* (Cumulative Incidents per 200,000 work-hours)			
	Project	Contract	BLS**('07)
Lost Time Accidents	2.03	0.00	2.60

*The project performance statistics are based on construction hours only

**Bureau of Labor Statistics/National Industry Average

Site Map



CM013 – 50th St. Vent Facility

Oct, Nov, Dec '09

Contractor: CCA Civil-Hilmar International
Construction Manager: Vincent Monaco

FTA Grant: NY-03-0344

Construction

Description: Construct 50th St. Ventilation Facility. Work includes:

1. Building demolition including environmental abatement, termination of utility connections
2. Foundation excavation and lining; shaft and tunnel excavation and lining;
3. Construction of new ventilation building structure and vertical utility shaft



50th St. Vent Facility.

Schedule and Cost

Progress:

1. Invitation for Bid issued in July 2009
2. Bids received October 2009
3. Contract awarded in December 2009
4. Notice to Proceed issued January 2010

Schedule: Awaiting contractor submittals.

Cost: Budget reflects the award amount.

Critical Issues: Coordination with adjacent property owners on work they need to do to support this contract.

Milestones CM013		
Milestones Description	Current Approved Plan	Actual/Forecast
Advertise (IFB)	07/09	07/09 (A)
NTP	01/10	01/10 (A)
Substantial Completion	06/12	06/12
Close-Out	09/12	09/12

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	TBD	TBD	TBD	TBD

Contract Costs (\$000) as of 12/31/09			
	CM013	F/A Support	Total
Budget at Award	99,073	878	99,951
Current Budget	99,073	878	99,951
Original Award	94,355		94,355
Approved Changes			
Current Contract Value	94,355		94,355
Invoiced Amount			
Estimate at Completion	99,073	878	99,951

Coordination Required

Real Estate: All properties and easements are secured

Railroad Agencies: MNR and NYCT

Permits: The contractor is responsible for securing the following: Blasting Permit – FDNY: Permit received, Lane Closure Permits – NYCDOT, Building Permits – NYC Buildings

MOU: NYCDOT MOU executed, 437 Madison MOU executed, 300 Park MOU pending execution

Quarterly Review Report – 4th Quarter '09

FM216 – MNR Traction Power MODs & 13.2 kV Loop

Oct, Nov, Dec '09

Contractor: TC Electric

Construction Manager: James Murray

FTA Grant: NY-03-0344

Construction

Description: Furnish, deliver and install automated system for motor-operated disconnect switches (MODs). Scope of work also includes reconfiguration of 13.2kV Traction Power feeder cables.



Conduits for Negative Feeders at Track 37.



Conduits & Pull Boxes for Relocation of Conduit #62 at Track 15.

Schedule and Cost

Progress:

- Continued installation of conduit runs for power and control feeder for transformer houses (98% completed)
- Continued the installation of conduit runs for low voltage power feeders in the upper level (97% completed)
- Continued the installation of conduit runs for negative feeders (93% completed) and positive feeders (75% completed) in the upper level
- Continued pulling cables for power feeders Q94 and Q47A (98% completed)
- Continued pulling cables for negatives feeder 703A & B (96% completed)
- Continued the replacement of existing switchboards in Switchboard Room D (85% completed)
- Continued the installation of Switchboard Q94, 300 KVA Transformer and Distribution Panel DPQ47 (96% completed)

Schedule: Contract is running behind schedule due to difficulty of securing track outages and flaggers. Since the supplemental coordination personnel arrived in October 2009 track outage availability increased 68% for the 4th Quarter. This support will allow recovery of schedule for FM216. MNR Force Account cut-over of MODs may not occur until after substantial completion.

Cost: Project is within budget. Current budget includes scope transfer of \$272,042 for Traction Power MODs which originally was to be performed by MNR under *Manhattan Structures MNR (FMM19)*

Contract Modifications: As of 12/31/09, three modifications, for a total of \$343,930 have been executed.

Critical Issues: Keeping installation performance moving forward by coordinating with MNR to piggyback on outages required for their operational needs and other ESA contracts.

Milestones FM216

Milestone Description	Current Approved Plan	Actual/Forecast		
Advertise (IFB)	05/08	05/08(A)		
NTP	09/08	09/08 (A)		
Compl. Work - 100' of Shaft #5	01/09	01/10		
Complete Switchboard "D"	03/09	01/10		
Complete Work N of 46 th St.	12/08	01/10		
Complete Madison Yd. Work	04/09	04/10		
Substantial Completion	03/10	06/10		
Close-Out	06/10	09/10		
Schedule Progress	4th Qtr	Cumulative		
Cost Expenditure	Plan*	Actual	Plan*	Actual
Percent Complete	27.2/29.0	9.1	82.9/87.0	50.2

*Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

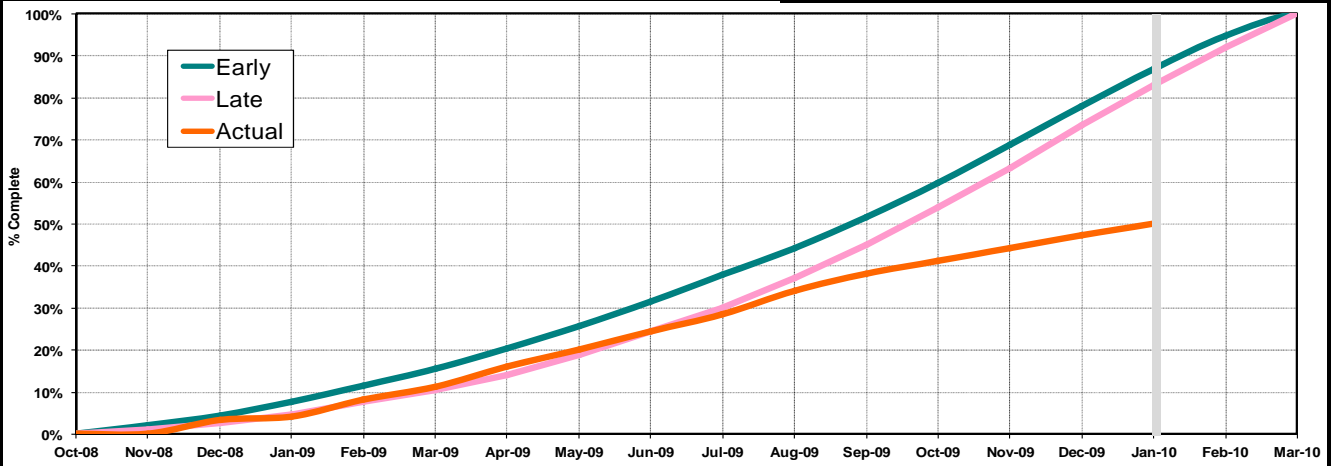
	FM216	MNR Share	Total
Budget at Award	14,479	4,348	18,827
Current Budget	14,765	4,348	19,113
Original Award	13,790	4,140	17,930
Approved Changes	344	0	344
Current Contract Value	14,133	4,140	18,273
Invoiced Amount	8,986	178	9,164
Estimate at Completion	14,765	4,348	19,113

Coordination Issues

Real Estate: N/A
Railroad Agencies: MNR

MOU: N/A
Permits: N/A

Progress (FM216)



Safety

- Continue ongoing safety walk-thru of sites. The contractor continues to implement improvements in training while maintaining area vigilance and housekeeping

Safety Statistics* (Cumulative Incidents per 200,000 work-hours)			
	Project	Contract	BLS**('07)
Lost Time Accidents	2.18	6.80	2.60

*The project performance statistics are based on construction hours only
 **Bureau of Labor Statistics/National Industry Average

Site Map



CS790 – GCT Protection Works

Oct, Nov, Dec '09

Contractor: Ad-Tech Enterprises
Construction Manager: Larry Nigro

FTA Grant: N/A

Construction

Description: Make all necessary concrete repairs to roof slabs, columns and beams and install protective netting in GCT from 42nd thru 51 Streets (Upper Level Tracks 32 through 42, Lower Level Tracks 113 through 115).



ACM Pipe Insulation Abatement at Track 37.



Netting Installation at Platform R.

Schedule and Cost

Progress:

1. Completed Asbestos Containing Materials (ACM) pipe insulation abatement in the Upper Level
2. Completed 98% of netting system installation north of gridline 15 in the Upper Level of Grand Central Terminal
3. Completed 75% of beam clamp/cable for netting system above platform R and adjacent tracks 36 & 37
4. Completed 50% of beam clamp/cable for netting system above platform S and adjacent track 38
5. Completed 35% of beam clamp/cable for netting system above platform U and adjacent tracks 41 & 42
6. Completed 40% of netting system above platform T and adjacent track 39 & 40
7. Completed 20% of netting installation South of Gridline 15 at Upper Level

Schedule: Contractors schedule has been adjusted to support blasting operations. Contract completion date modified to 6-30-10.

Cost: The budget was increased to reflect an expected future change order to re-insulate an abated drain line.

Contract Modifications: As of 12/31/09, four modifications for a total of \$ 1,630,948 have been executed.

Safety: No recorded lost time incidents.

Critical Issues: Coordination with MNR on outages at Upper Level for netting system installation in support of blasting at shafts 3 & 4 in contracts CM009/19.

Milestones CS790

Milestones Description	Current Approved Plan	Actual/Forecast
Advertise (RFP)	06/08	08/08 (A)
NTP	10/08	10/08 (A)
Substantial Completion	6/10	6/10
Close-Out	7/10	7/10

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	10.0	12.0	77.0	64.0

Contract Costs (\$000) as of 12/31/09

	CS790	F/A Support	Total
Budget at Award	12,841	N/A	12,841
Current Budget	12,960	N/A	12,960
Original Award	10,329	N/A	10,329
Approved Changes	1,631	N/A	1,631
Current Contract Value	11,960	N/A	11,960
Invoiced Amount	7,260	N/A	7,260
Estimate at Completion	12,960	N/A	12,960

Coordination Required

Real Estate: N/A

Railroad Agencies: MNR

Permits: Issued

MOU: This contract is covered by existing MNR MOU.

Queens/Harold Active Contracts

Emergency Work Environmental (CQE02) – Perform work at open-cut excavation south of Northern Blvd. includes, resolving site safety/security issues, completing in-progress struts, completing Amtrak deck and track work, investigating and repairing slurry wall panels, and completing slurry wall interface grouting.

Queens Instrumentation (CS810) – Procurement, installation and establishment of initial readings for structural instrumentation, geotechnical instrumentation, and data acquisition systems to support Queens tunnel excavation.

Queens Bored Tunnels (CQ031) – Construct three revenue tunnels and one non-revenue tunnel beneath Sunnyside Yard and Harold Interlocking.

Harold Structures 1 and GO2 Substation (CH053) – Construct various civil infrastructure elements at Harold Interlocking and expand the existing LIRR Amtrak Right of Way for the future TBM tunnels and Mainline track diversions including the design, and installation of a pre-fabricated substation.

Harold Structures 2 (CH054A) – Construct various civil infrastructure elements at Harold Interlocking and expand the existing LIRR and Amtrak Right of Way for the future TBM tunnels and Main-line track diversions.

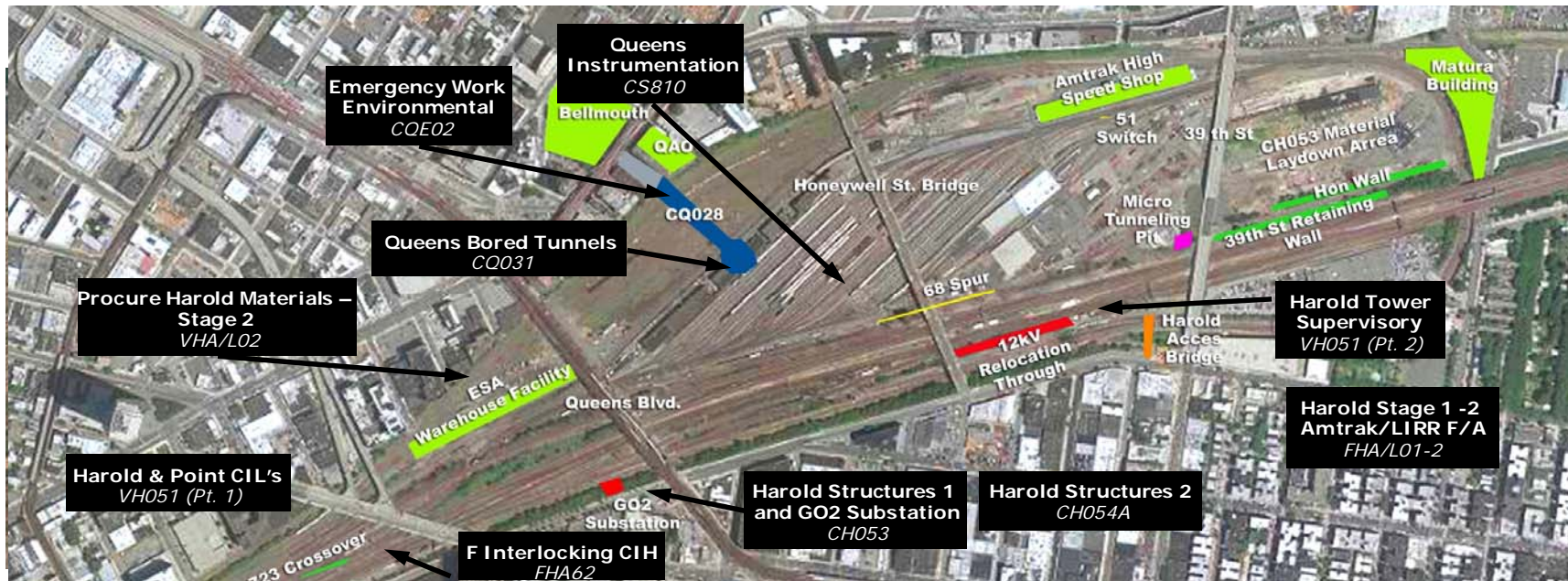
Harold Stage 1-2 Amtrak/LIRR Force Account (FHA/L01-2) – Installation of track/switches by LIRR and Amtrak. Installation of new microprocessor based signal system. Construction of traction power substation. Modified catenary system.

F Interlocking CIH (FHA62) – Amtrak manufacture and delivery of Central Instrumentation Houses (CIHs) and cases for the F2 and F1 Signal Interlockings.

Procure Harold Materials Stage 2 (VHA/L02) – Procure LIRR and Amtrak Force Account material in support of Stage 2 construction.

Harold & Point CIL's (VH051 Part 1) – This is the procurement of seven Harold Interlocking Central Instrument Locations (CILs) and one Point Interlocking Central Instrument Location and the purchase of a fully operational Vital Microprocessor-Based Interlocking Control System for the referenced interlockings.

Harold Tower Supervisory (VH051 Part 2) – This procurement contract requires purchase of a fully operational Supervisory Control System for control of signals at Harold and Point Interlocks.



Active Projects – Queens

CQE28-01 – Emergency Work Civil/Structural

Oct, Nov, Dec '09

Contractor: Railroad Construction Co., Inc.

Construction Manager: John Annoni

FTA Grant: N/A

Description: Perform work at open-cut excavation south of Northern Blvd. includes, resolving site safety/security issues, completing in-progress struts, completing Amtrak deck and track work, investigating and repairing defective slurry wall panels, and completing slurry wall interface grouting (This scope was previously part of CQ028).

Close-Out



Asbestos Abatement of Canopy Along Amtrak Buildings.



Preparation for Asbestos Abatement in Amtrak Buildings.

Schedule and Cost

Progress:

1. Reached substantial completion
2. Completed asbestos abatement at Amtrak's buildings 1, 2 and 5
3. Transferred slurry wall coring data of the open cut to CQ031 contract for slurry wall repairs

Schedule:

Delay in asbestos abatement work due to finalizing the easement agreement of Amtrak's building 1, 2 and 5 and because additional asbestos was found in Buildings 2 and 5.

Cost: Final cost reconciliation to reflect change orders for additional asbestos abatement work and extended drilling requirements being processed.

Contract Modifications: As of 12/31/09, thirteen modifications to the original scope for a total of \$3,222,980 were executed. Modification for the additional pump test and slurry wall investigation was not in the original contract.

Safety: No recorded lost time incidents.

Critical Issues: None.

Milestones CQE28-01		
Milestones Description	Current Approved Plan	Actual/Forecast
NTP	06/08	06/08(A)
Safety & Security Issues	07/08	07/08 (A)
Complete Amtrak Deck	08/08	08/08(A)
Complete in-Progress Struts	09/08	09/08 (A)
Substantial Completion	10/09	12/09 (A)

Schedule Progress	4th Qtr		Cumulative	
	Plan	Actual	Plan	Actual
Cost Expenditure				
Percent Complete	0.5	3.3	100.0	100.0

Contract Costs (\$000) as of 12/31/09			
	CQE28-01	F/A Support**	Total
Budget at Award	6,827	N/A	6,827
Current Budget	9,261	N/A	9,261
Original Award	5,548	N/A	5,548
Approved Changes	3,223	N/A	3,223
Current Contract Value	8,771	N/A	8,771
Invoiced Amount	8,771	N/A	8,771
Estimate at Completion	9,261	N/A	9,261

** F/A Access and Protection is currently being managed thru other contracts (FQA28 and FQL28)

CQE28-02 – Emergency Work – Environmental

Oct, Nov, Dec '09

Contractor: Impact Environmental Consulting, Inc.

Construction Manager: John Annoni

FTA Grant: N/A

Description: The scope of work includes disposing of current stockpiles on site and excavated materials by other contractors, monitoring groundwater, sampling water quality, environmental reporting and obtaining renewal of discharge permits (This scope was previously part of CQ028).

Construction



Removing Light Fixtures at Amtrak's Building 1, 2 and 5 in Preparation of Building Demolition.

Schedule and Cost

Progress:

1. Transferred water quality, elevation readings, Long Island Well Permit reports to contract CQ031 in Oct '09
2. Began removing light fixtures, debris from Amtrak's building 1, 2 and 5

Schedule: The contract was extended to the end of January 2010 and modified to remove debris from Amtrak's building 1, 2 and 5.

Cost: The contract value is reduced because the remaining scope for disposal of excavated materials in this contract will be performed by the *Queens Bored Tunnels and Structures (CQ031)* contract.

Contract Modifications: As of 12/31/09, five modifications to the original scope for a total of -\$4,958,079 were executed.

Safety: No recorded lost time incidents.

Critical Issues: None.

Milestones CQE28-02				
Milestones Description	Current Approved Plan		Actual/ Forecast	
NTP	07/08		07/08 (A)	
Renewal of Discharge Permit	07/08		08/08 (A)	
Disposal of current stockpile	10/08		10/08 (A)	
Substantial Completion	10/09		01/10	
Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	0.5	0.5	99.0	96.2
Contract Costs (\$000) as of 12/31/09				
	CQE28-02	F/A Support**	Total	
Budget at Award	8,388	N/A	8,388	
Current Budget	3,183	N/A	3,183	
Original Award	7,989	N/A	7,989	
Approved Changes	-4,958	N/A	-4,958	
Current Contract Value	3,031	N/A	3,031	
Invoiced Amount	2,112	N/A	2,112	
Estimate at Completion	3,183	N/A	3,183	

** F/A Access and Protection is currently being managed thru other contracts (FQA28 and FQL28)

CS810 – Queens Instrumentation

Oct, Nov, Dec '09

Contractor: Wang Technology, LLC
Construction Manager: John Annoni

FTA Grant: N/A

Construction

Description: Procurement, installation and establishment of initial readings for structural instrumentation, geotechnical instrumentation, and data acquisition systems in Sunnyside Yard and Harold Interlocking to support Queens tunnel excavation.



Prism on Abutment of 43rd Street Bridge.



Drilling Inclinator in Sunnyside Yard.

Schedule and Cost

Progress:

1. Completed installation of deep bench marks
2. Completed installation structural monitoring points under 43rd St Bridge to perform the baseline readings prior to final acceptance
3. Continued drilling instrumentation in Sunnyside Yard (inclinator, extensometers)
4. Installed 1,535 of 1,696 track dynamic profile monitoring points to date
5. Continued installation of surface monitoring points and installation of prisms on tracks

Schedule: Contractor's baseline schedule is accepted. The monthly update was submitted.

The contractor was issued a modification to adjust interim milestone for prisms installation at 43rd Street. The installation schedule is being adjusted to correspond to the *Queens Bored Tunnels and Structures (CQ031)* schedule. Some work activities will begin later than the original schedule.

Cost: Costs are within budget. The budget has been reduced to reflect the deletion of liquid level instrumentation and the expectation that the contract will be completed within or below budget.

Safety: Accidentally hit Buckeye pipeline on Skillman Ave. while drilling for deep bench marks because mark-out by utility owner was incorrect. No personnel injuries resulted from this accident.

Contract Modifications: As of 12/31/09, one modification has been executed with no dollar value.

Critical Issues: None.

Milestones CS810		
Milestones Description	Current Approved Plan	Actual/ Forecast
Notice to Proceed	05/09	05/09 (A)
Complete prisms at 43 rd St Bridge	09/09	01/10
Instrumentation at Yard lead area	12/09	01/10
Instrumentation near three tunnel exit	02/10	02/10
Substantial Completion	05/10	05/10

Schedule Progress	4th Qtr		Cumulative	
	Plan	Actual	Plan	Actual
Cost Expenditure				
Percent Complete	15.0	22.3	48.0	44.1

Contract Costs (\$000) as of 12/31/09			
	CS810	F/A Support*	Total
Budget at Award	3,007	-	3,007
Current Budget	2,737	-	2,737
Original Award	2,737	-	2,737
Approved Changes	-	-	-
Current Contract Value	2,737	-	2,737
Invoiced Amount	1,049	-	1,049
Estimate at Completion	2,737	-	2,737

* Force Account Access and protection costs are reported with CH053.

CQ031 – Queens Bored Tunnels and Structures

Oct, Nov, Dec '09

Contractor: Granite-Traylor-Frontier Joint Venture
Construction Manager: Robert Magnifico

FTA Grant: NY-03-0344/ARRA Stimulus Funds

Description: Construct three revenue tunnels and one non-revenue tunnel beneath Sunnyside Yard and Harold Interlocking. Construction includes the following: complete main open-cut excavation (from CQ028), procurement and assembly of two pressurized face tunnel-boring machines and ancillary equipment, tunnel excavation, installation of a one-pass pre-cast concrete tunnel liner, installation of ground treatment along the alignment to support tunnel construction, underpinning bridge piers and LIRR mainline structures, construction of an Amtrak access road, and construction of exit/ventilation structures (below-ground) and TBM reception pit, environmental monitoring, water quality sampling and elevation.

Construction



Mobilized Jet Grouting Equipment.



Exposing Top of Slurry Wall at Launch Shaft Area.

Schedule and Cost

Progress:

1. Completed removal and disposal of Amtrak's building 4 slabs and building 3 foundations in preparation for ground improvement at TBM Launch Shaft area.
2. Obtained the temporary Permit to Enter and signed Project Initiative from Amtrak
3. Started mobilization and yard set up including installation of site office trailers, utilities, concrete barriers and construction fences
4. Started drilling slurry wall for repair investigation of open-cut area
5. Started environmental monitoring, water quality sample and elevation as part of Long Island Well Permit's report (transferred from contract CQE28-02)
6. Started design and procurement of Tunnel Boring Machines (TBM)

Schedule: Original scope of work delayed so contractor can undertake slurry wall repairs (change order) prior to open-cut excavation.

Cost: Budget at Award includes one option for \$58.4 million to be executed in the first quarter of 2010.

Critical Issues: Completing slurry wall repairs prior to beginning open-cut excavation. This work controls the critical path of the tunnel mining. No delay anticipated at this time.

Milestones CQ031		
Milestones Description	Current Approved Plan	Actual/Forecast
Advertise	N/A	03/08 (A)
NTP	09/09	09/09 (A)
Temporary Substation for TBM	09/10	09/10
Complete Tunnels	03/12	03/12
Substantial Completion	09/12	09/12
Close-Out	01/13	01/13

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan*	Actual	Plan*	Actual
Percent Complete	9.5/11.4	4.4	9.5/11.4	4.4

*Late/ Early Plan

Contract Costs (\$000) as of 12/31/09			
	CQ031	F/A Support	Total
Budget at Award	756,763	22,677	779,440
Current Budget	756,763	22,677	779,440
Original Award	659,201	9,825	669,026
Approved Changes	0	0	0
Current Contract Value	659,201	9,825	669,026
Invoiced Amount	31,319	579	31,893
Estimate at Completion	756,763	22,677	779,440

Coordination Required

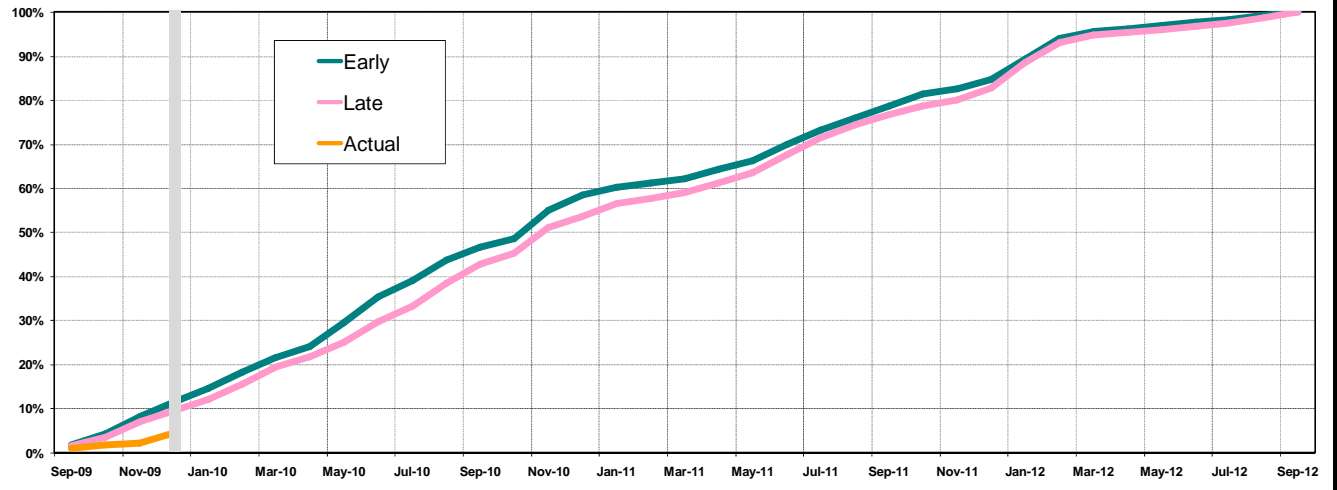
Real Estate: All Real Estate has been acquired and tenants are being relocated.

Permits: A FDNY blasting permit and a water discharge permit are required. Long Island well permit has been obtained (from CQ028).

Railroad Agencies: Amtrak, LIRR, NYAR.

MOU: Amtrak Project Initiative and Permit to Enter obtained.

Progress Curve (CQ031)



Safety

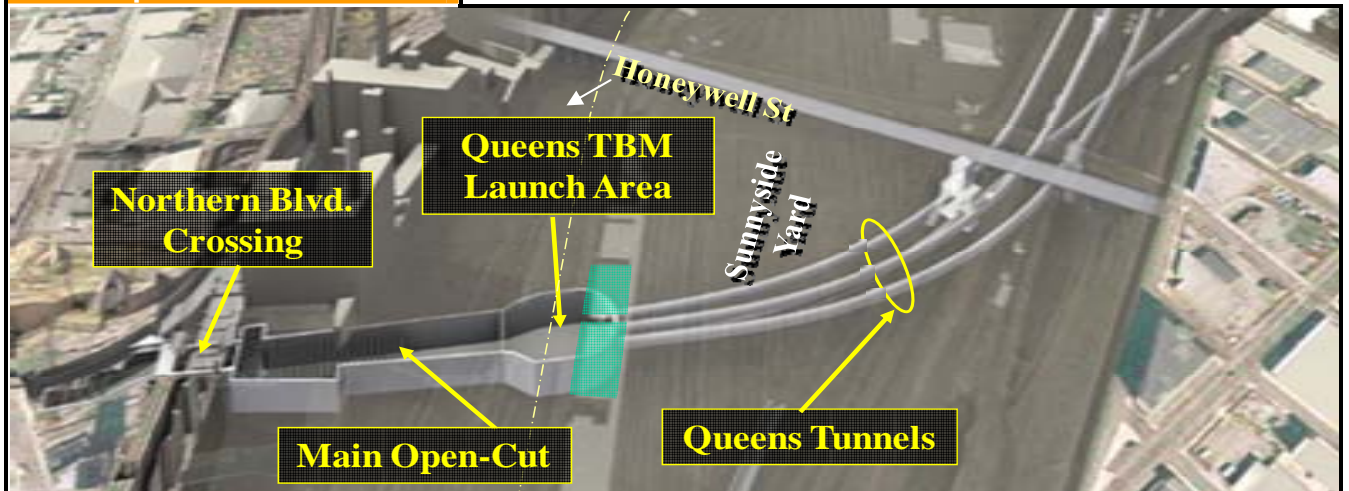
- One recordable accident with no lost time
- Continue ongoing safety walk-thru of sites

Safety Statistics* (Cumulative Incidents per 200,000 work-hours)			
	Project	Contract	BLS**('07)
Lost Time Accidents	2.03	0.00	2.60

*The project performance statistics are based on construction hours only

**Bureau of Labor Statistics/National Industry Average

Site Map



CH053 – Harold Structure Part 1 and GO2 Substation

Oct, Nov, Dec '09

Contractor: Perini Corp.

Construction Manager: Ray Busch

FTA Grant: NY-03-0344

Description: Construct various civil infrastructure elements at Harold Interlocking and expand the existing LIRR Amtrak Right of Way for the future TBM tunnels and Mainline track diversions including the design, and installation of a pre-fabricated substation.

Construction



Installing Harold Access Bridge Girder.



Installation of Retaining Wall 39-S1, 39S2 and 39-S3.

Schedule and Cost

Progress:

1. Set in place Harold Access Bridge steel girders over loop tracks and erected accompanying catenary steel structure
2. Substantially completed retaining walls 39-S1 to S3
3. Continued installation of pre-cast panels for retaining wall 39-N2
4. Continued excavation, rebar and concrete for catenary pole foundations
5. Continued construction of 43rd St Bridge Main Line 4 East abutment and began West Bound yard drilled piles
6. Completed jacking and reception pit for micro-tunnels under 39th street bridge. Mining the micro tunnel is scheduled in January 2010.

Schedule:

1. An initial delay was experienced due to late issuance of the Amtrak Project Initiative and Amtrak entry permit. Time impact has been negotiated and associated costs are under negotiation.
2. An additional delay was experienced for design of catenary and signal tower foundations and structures. The final 100% design drawings will be issued by first quarter of 2010.
3. Contractor submitted a draft of the re-baseline schedule and it has been accepted.
4. Opportunities to recover some of the lost time will be explored

Cost: Delays to schedule, scope transfers and changes to design have impacted cost. The EAC has been revised to reflect these changes. The option work of \$2 million for the Thompson Ave. Microtunnel was exercised.

Contract Modifications: As of 12/31/09, twenty three modifications for a total of \$9,620,834 have been executed.

Milestones CH053

Milestones Description	Current Approved Plan	Actual/Forecast
NTP	01/08	01/08 (A)
Substantial Completion	05/10	01/12
Close-Out	09/10	04/12

Schedule Progress	4th Qtr		Cumulative	
	Plan*	Actual	Plan*	Actual
Cost Expenditure				
Percent Complete	1.0/1.7	2.1	85.4/98.8	32.8

*Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

	CH053	F/A Support	Total
Budget at Award	144,144	18,212	162,356
Current Budget	152,708	20,560	173,268
Original Award	137,280	18,212	155,492
Approved Changes	9,621	0	9,621
Current Contract Value**	146,901	18,212	165,113
Invoiced Amount	47,394	11,285	58,679
Estimate at Completion***	179,708	20,560	200,268

** Additional \$2 million option from LIRR is not included in the Current Contract Value

*** Not adjusting the ESA EAC at this time as we explore cost saving opportunities in other areas of the Program

Critical Issues: Resolve Amtrak ET (electrical traction) and 12KV ductbank design issues so this work can resume. Complete catenary and signal tower design packages. A draft copy of the re-baseline schedule has been developed and is under review. Cost impacts are being assessed.

Coordination Required

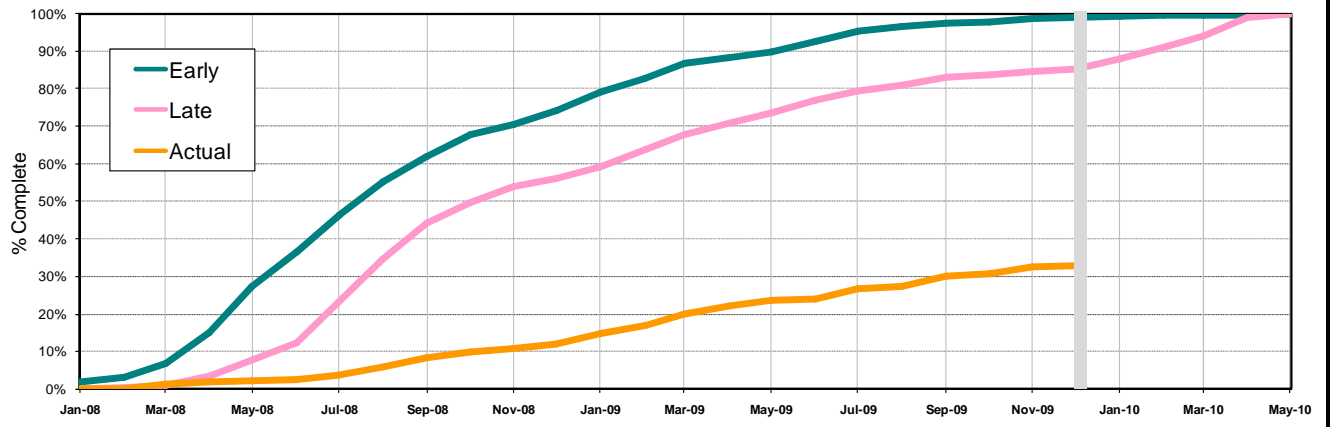
Real Estate: All easements have been secured.

Railroad Agencies: LIRR and Amtrak will provide flagging protection and perform required support work.

Permits: Pre-award reviews and approvals have been obtained from NYCDOT and NYCDEP. Relevant permit have been obtained by the contractor. Amtrak Entry Permit approved.

MOU: Amtrak labor clearance was obtained. LIRR and Amtrak force account agreements were signed. Project Initiative (PI) with Amtrak signed.

Progress Curve (CH053)



Safety

- Perini and ESA have worked with the railroads to establish and implement a Truck Access Management Protocol to define truck routes, staging areas and minimize hazards associated with truck movements.

Safety Statistics* (Cumulative Incidents per 200,000 work-hours)

	Project	Contract	BLS**('07)
Lost Time Accidents	2.18	1.09	2.60

*The project performance statistics are based on construction hours only

**Bureau of Labor Statistics/National Industry Average

Site Map



CH054A - Harold Structures - Part 2A

Oct, Nov, Dec '09

Contractor: Perini Corp.

Construction Manager: Ray Busch

FTA Grant: NY-03-0344/ARRA Stimulus Funds

Description: Construct various civil infrastructure elements at Harold Interlocking and expand the existing LIRR and Amtrak Right of Way for the future TBM tunnels and Main-line track diversions including: 1) the construction of retaining walls, 2) Track D TBM Reception Pit, 3) AC Traction Power Duct Bank, 4) access road work, 5) demolition of existing Catenary Foundations, 6) procurement of 2 Signal Bridges, and 7) other utility relocations and adjustments.

Construction



Construction Area for Retaining Wall THOM-S1.



Construction Area for THOM-S2.

Schedule and Cost

Progress:

1. Obtained Project Initiative and the Permit to Enter application from Amtrak
2. Developed work plan to begin construction of the retaining wall THOM-S1 in January 2009
3. Reviewing contractor submittals and work plans for field activities

Schedule: Work for Retaining wall THOM-S1 started later than anticipated. Project team is working with the contractor to mitigate schedule impact.

Cost: The budget includes changes to the 12KV ductbank which has not yet been awarded.

Contract Modifications: As of 12/31/09, one contract modification has been executed with no cost impact.

Critical Issues: Resolve Amtrak ET (electrical traction) 12KV ductbank design issues to commence work on this activity.

Milestones CH054A		
Milestones Description	Current Approved Plan	Actual/Forecast
Advertise	12/08	12/08(A)
NTP	08/09	08/09 (A)
Substantial Completion	12/10	12/10
Closeout	02/11	02/11

Schedule Progress	4th Qtr		Cumulative	
	Plan	Actual	Plan	Actual
Cost Expenditure				
Percent Complete	6.0/10.2	0.9	6.6/11.9	0.9

Contract Costs (\$000) as of 12/31/09			
	CH054A	F/A Support	Total
Budget at Award	27,067	3,199	30,266
Current Budget	27,067	3,199	30,266
Original Award	21,778	3,199	24,977
Approved Changes	0	0	0
Current Contract Value	21,778	3,199	24,977
Invoiced Amount	193	4	197
Estimate at Completion	27,067	3,199	30,266

Coordination Required

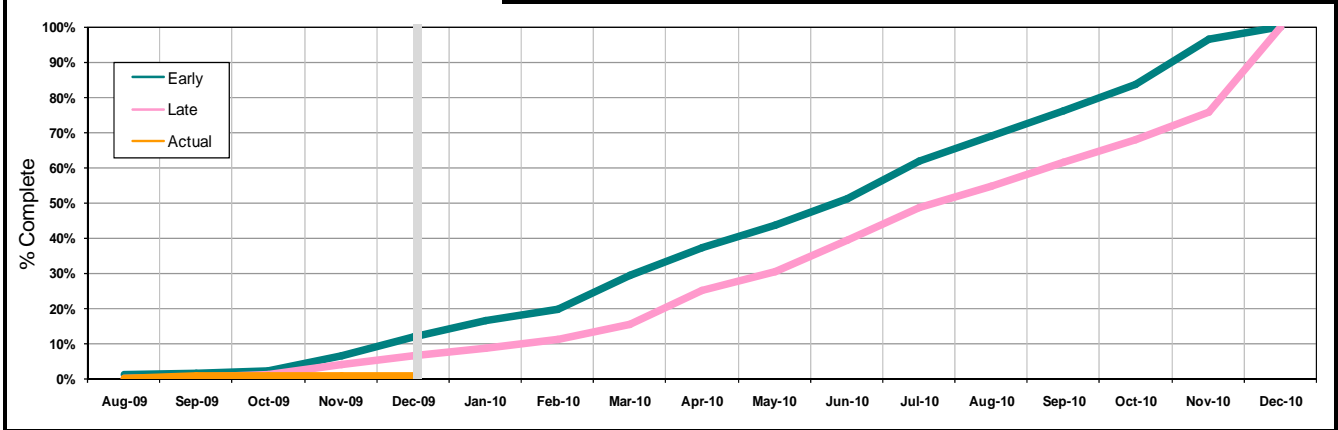
Real Estate: All work on railroad property or in city streets.

Railroad Agencies: Amtrak and LIRR.

Permits: NYCDOT permits needed. Water discharge permit (DEP) needed.

MOU: Obtained Project Initiative and Permit to Enter from Amtrak.

Progress Curve (CH054A)



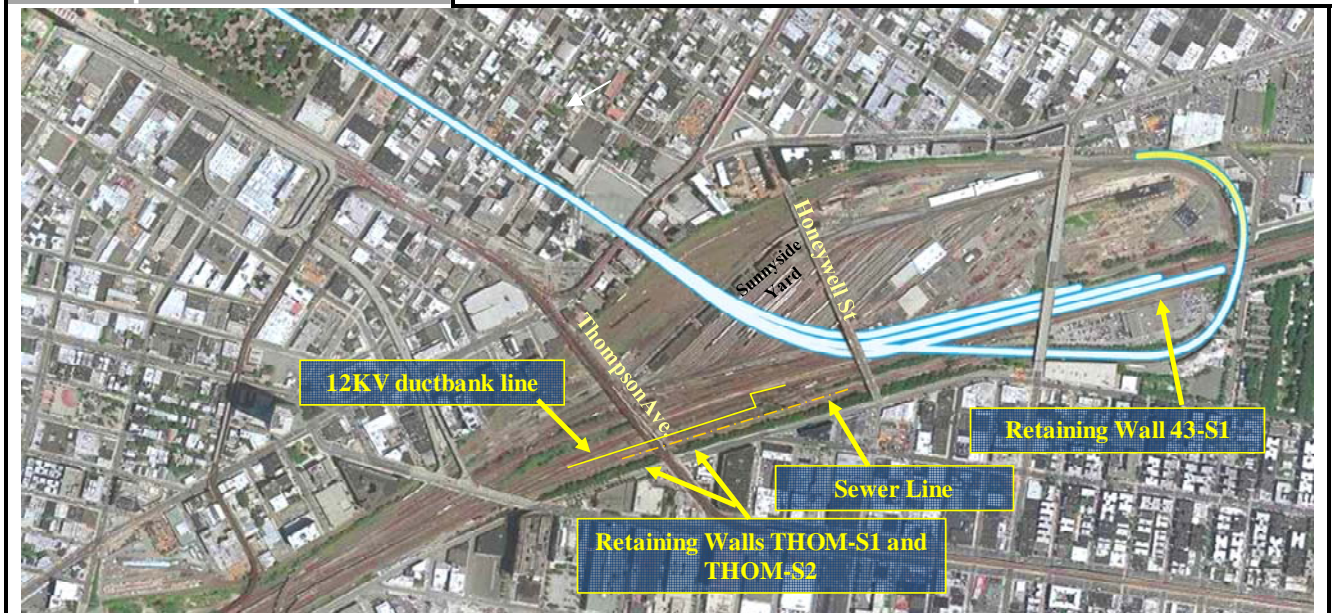
Safety

- Continue ongoing safety walk-thru of sites.

Safety Statistics*			
<i>(Cumulative Incidents per 200,000 work-hours)</i>			
	Project	Contract	BLS**('07)
Lost Time Accidents	2.03	0	2.60

*The project performance statistics are based on construction hours only
 **Bureau of Labor Statistics/National Industry Average

Site Map



FHA01 – Harold Stage 1 – Amtrak Direct Force Account Oct, Nov, Dec '09

Contractor: Amtrak

Construction Manager: Peter Malvese

FTA Grant: N/A

Description: Install one track crossover (723); Relocate catenary and signal power at several locations, perform modifications and removal of poles; Third-rail installation; Signal infrastructure installation, cable pulls, tie-ins, testing and cut-over of the 723 crossover incorporating changes to “F” Interlocking and software and hardware modification for the Penn Station Central Control (PSCC) ; Clear debris, materials and other incidentals from the Amtrak Maintenance-of-Way Yard; electrical traction relocations in support of the CH053 civil work.

Construction



Relocating Catenary Wires at Loop Track.

Schedule and Cost

Progress:

1. Completed lowering catenary wire and installation of bonding and ground wire for Harold Access Bridge
2. Completed 3rd rail duct installation for 723 switches (O1-O2)
3. Continued installation of power cable from “Q” tower to catenary pole at Sunnyside Yard
4. Started relocating signal power cable and catenary wire for 921EA catenary structure

Project Initiative (P.I.) status:

- P.I. for Communication and Signal, O1-O2 Switch and #51 switch – Completed
- P.I. for 68 Spur track - Completed
- P.I. for Stage 1 ET Catenary– In Progress

Schedule: The schedule variance is the result of the delayed start of *Harold Structures Part 1 (CH053)* and Harold Stage 1 catenary work. The catenary work drives the substantial completion date.

Cost: The increase in budget due to the scope transfer of the signal trough installation from Harold Stage 2 to Harold Stage 1 plus the addition of the 68 spur track and 51 switch installations.

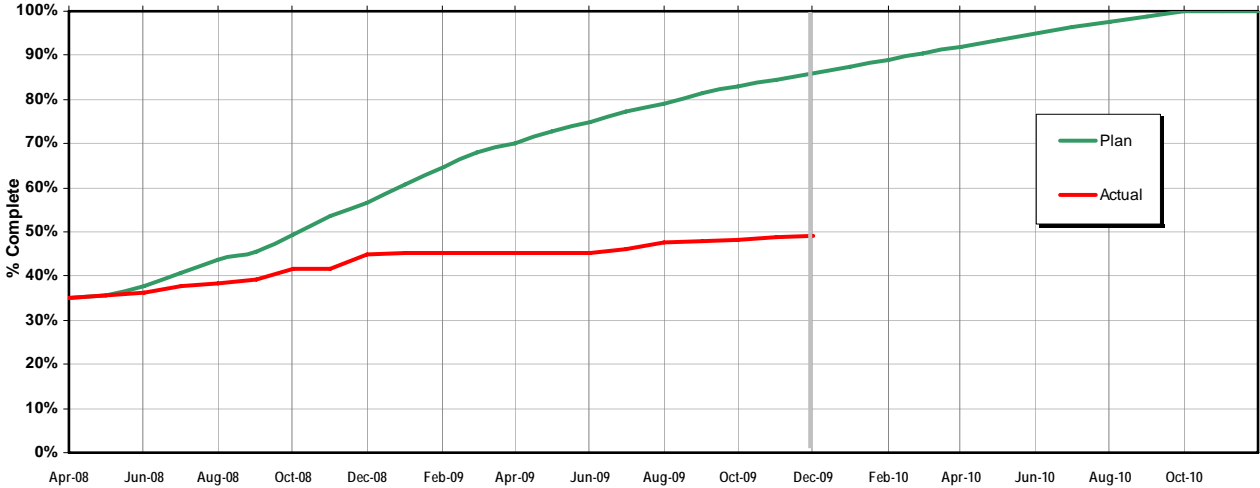
Critical Issues: Completion of final design for electric traction and subsequent Amtrak approval. CH053 work has not progressed as planned because of electrical traction design issue. This work directly impacts FHA01 substantial completion date. The design for 12KV work is scheduled for completion in January '10.

Milestones FHA01		
Milestones Description	Current Approved Plan	Actual/Forecast
100% Design	11/07	11/07 (A)
Commence Stage 1	06/07	06//07 (A)
Cutover Switch O1/O2	08/08	10/08 (A)
Compl. 68 Spur Track	11/09	04/10
Compl. Signal Power Cable	12/09	07/10
Substantial Completion	09/10	11/11

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	4.6	1.3	85.9	49.1

Contract Costs (\$000) as of 12/31/09			
	Stage 1	F/A Support	Total
Budget at Award	12,100	N/A	12,100
Current Budget	16,825	N/A	16,825
Original Award	12,448	N/A	12,448
Approved Changes	1,500	N/A	1,500
Current Contract Value	13,948	N/A	13,948
Invoiced Amount	10,672	N/A	10,672
Estimate at Completion	16,825	N/A	16,825

Progress Curve (FHA01)



Coordination Required

Real Estate: None required.

Permits: None required.

Railroad Agencies: LIRR and Amtrak.

MOU: Amtrak Force Account Agreement has been signed.

Site Map



FHA02 – Harold Early Stage 2 – Amtrak Direct F / A

Oct, Nov, Dec '09

Contractor: Amtrak

Construction Manager: Peter Malvese

FTA Grant: N/A

Description: Convert air switches 735, 737, 741, and 743 from air to electric; Install new electric switch machines; Install temporary signal case, cable pulls, tie-ins, testing and cut-over switches; Install signal troughs, pull boxes, 9-ways/conduits, and case foundations for F1 and F2 Central Instrument Houses.

Construction



Trough Installation at East of Hunter Point.

Schedule and Cost

Progress:

1. Completed removal of the existing airline piping between Thompson and Queens Blvd.
2. Continued installation of pull boxes, troughs, conduits and 9-way ducts for F1/F2 Central Instrument House (CIH)
3. Continued to revise Stage 2 estimate and schedule based on the 100% design

Project Initiative (P.I.) Status:

P.I. for Early Stage 2 Signal Work – Completed
 P.I. for the remaining Stage 2 Work – In progress

Schedule: Progress ahead of schedule since the dedicated C&S gang increases to 17 signalmen from 10 signalmen. Schedule will be revised once the P.I. for the remaining Stage 2 work is approved.

Cost: The Early Stage 2 figures represent the current value of the PI for the early work. These figures will be finalized once the P.I. for remaining Stage 2 work is approved.

Critical Issues: None

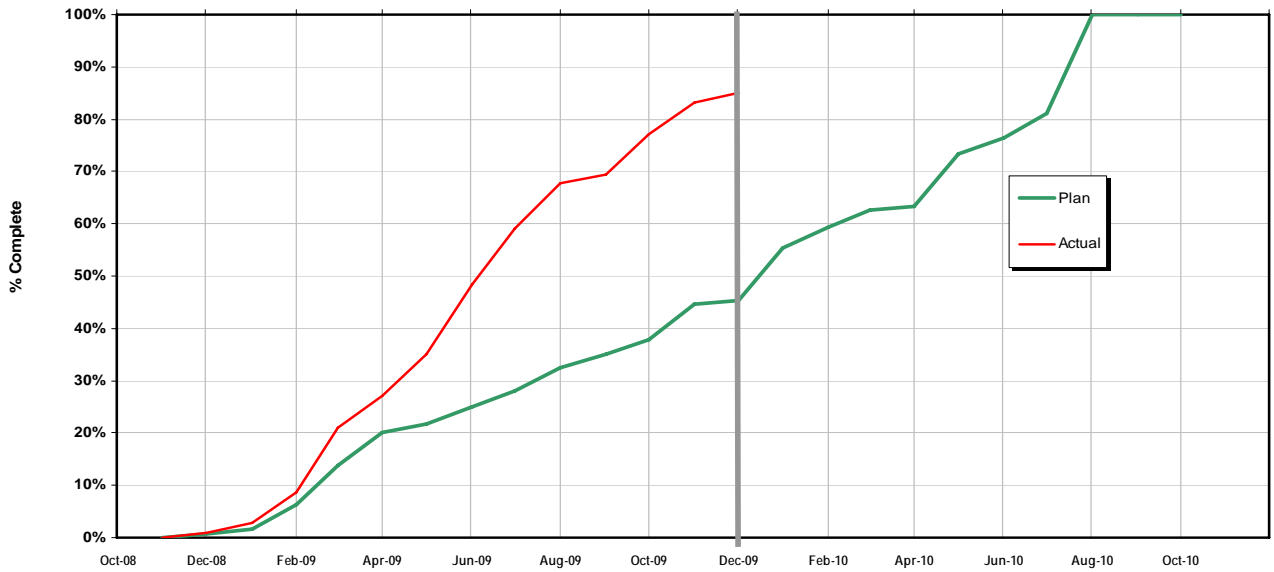
Milestones Early FHA02		
Milestones Description	Current Approved Plan	Actual/Forecast
Commence Early Stage 2	12/08	12/08 (A)
Cutover Switch Machine-741	06/09	06/09 (A)
Cutover Switch Machine-743	06/09	06/09 (A)
Cutover Switch Machine-735	07/09	05/09 (A)
Cutover Switch Machine-737	07/09	06/09 (A)
Complete Early Stage 2	08/10	04/10

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	10.3	15.8	45.4	85.1

Contract Costs (\$000) as of 12/31/09			
	Early Stage 2	F/A Support	Total
Budget at Award**	4,161	N/A	4,161
Current Budget**	4,161	N/A	4,161
Original Award	4,161	N/A	4,161
Approved Changes	-	N/A	-
Current Contract Value	4,161	N/A	4,161
Invoiced Amount	2,766	N/A	2,766
Estimate at Completion	4,161	N/A	3,474

**Note: Stage 2 partial budget (early work only)

Progress Curve (FHA02)



Coordination Required

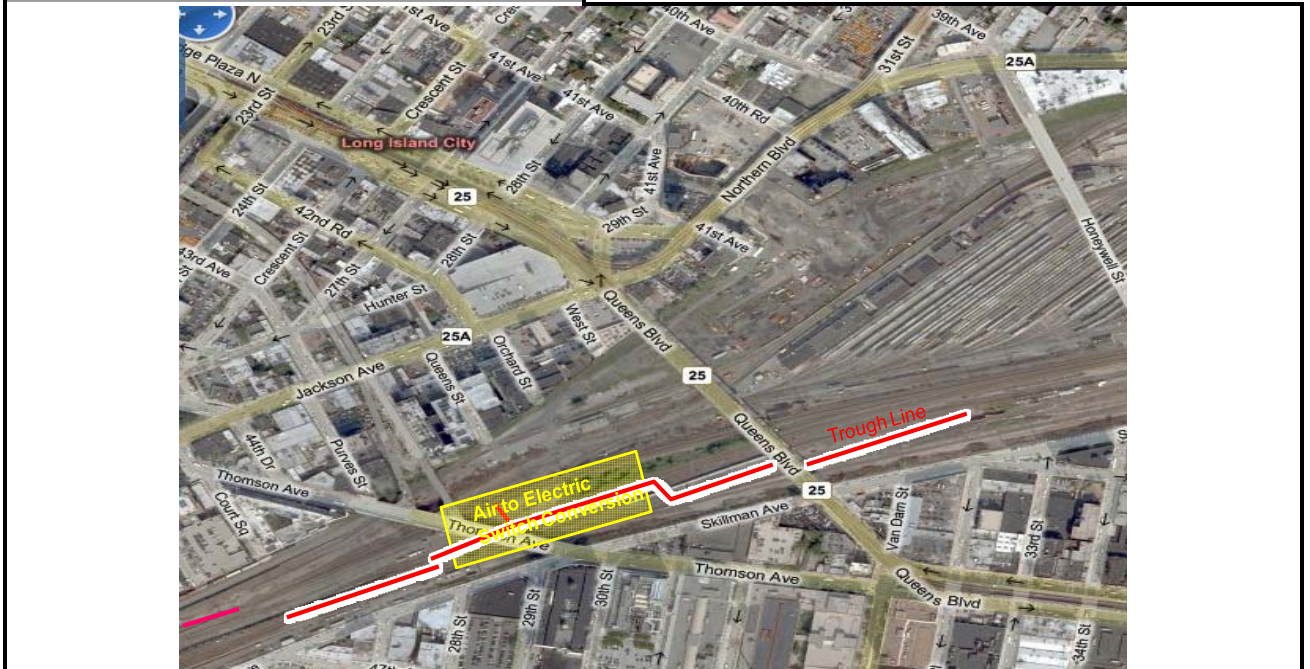
Real Estate: None required.

Permits: None required.

Railroad Agencies: LIRR and Amtrak.

MOU: Amtrak Force Account Agreement has been signed.

Site Map



FHL01 - Harold Stage 1 - LIRR Direct Force Account Oct, Nov, Dec '09

Contractor: LIRR

Construction Manager: Peter Malvese

FTA Grant: NY-03-0344

Description: Install eight track switches into the existing signal system; remove two switches; Install signal infrastructure in preparation of Stage 2 (Harold and Point CILs); Reroute signal power cables; Install third rail for new switches & track. Pull traction power cables from G02 Substation final manholes to Harold Main Line tracks; Energize and commission the relocated G02 Substation installed by CH053. Install and relocate signal and communications cables. Cut and throw Main Line 4 and relocated Main Line 2 upon CH053 expanding the South ROW East of 43rd Street.

Construction



Relocate Communications Poles Along Skillman Ave.



Install Conduit for 865 Crossover.

Schedule and Cost

Progress:

1. Placed 863 crossover in service
2. Completed pre-cutover testing for 821 and 823 Switches
3. Continued testing of signal hut and Harold control panels and circuit revision for 865 switch
4. Continued installation of communication poles along Skillman Ave (Thomson Ave. and 39th St.)
5. Started circuit revisions at Harold CIL and T2A signal hut for the 865 Switch.

Schedule: The schedule variance is the result of the delay to Harold Structures Part 1 (CH053) work.

Cost: Approved changes reflect the scope transfer of the M2 switch installation from Stage 1 to Stage 3.

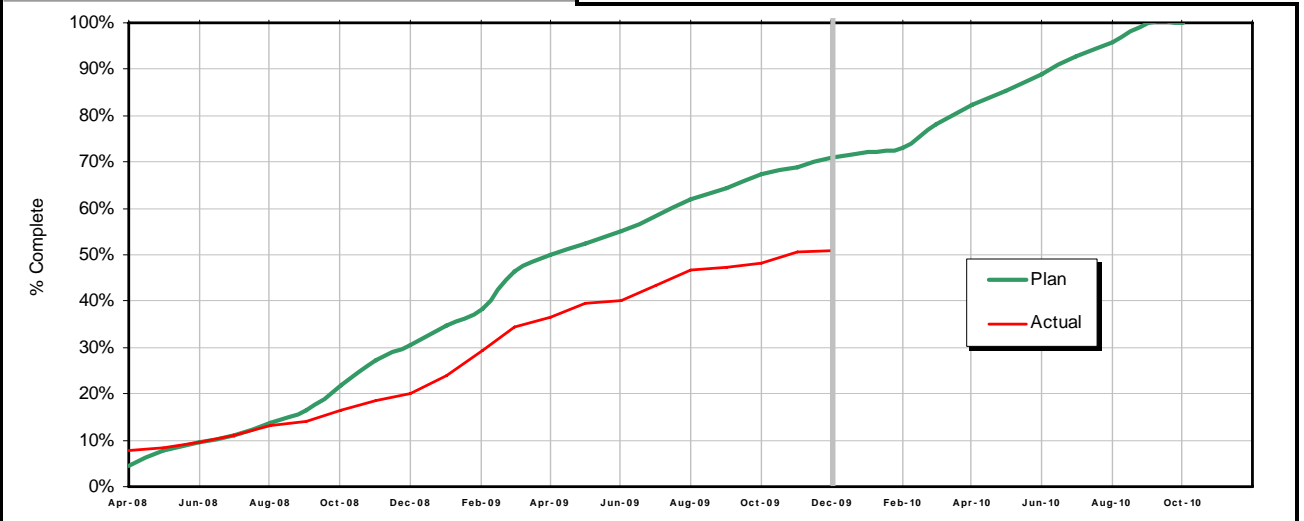
Critical Issues: Schedule being impacted by delays to Harold Structures Part 1 (CH053).

Milestones FHL01		
Milestones Description	Current Approved Plan	Actual/Forecast
100% Design	07/07	07/07 (A)
Commence Stage 1	06/07	06/07 (A)
Install 823 Switch	09/09	03/10
Compl. Signal power Cable	01/10	09/10
Cutover 821 & 823 Switch	06/10	03/11
Cutover 865 Switch	03/10	10/10
Substantial Completion	10/10	10/11

Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	6.5	3.4	70.9	50.9

Contract Costs (\$000) as of 12/31/09			
	Stage 1	F/A Support	Total
Budget at Award	28,781	N/A	28,781
Current Budget	20,782	N/A	20,782
Original Award	28,781	N/A	28,781
Approved Changes	(7,999)	N/A	(7,999)
Current Contract Value	20,782	N/A	20,782
Invoiced Amount	8,960	N/A	8,960
Estimate at Completion	20,782	N/A	20,782

Progress Curve (FHL01)



Coordination Issues

Real Estate: None required.

Railroad Agencies: LIRR and Amtrak.

MOU: Amtrak Force Account Agreement signed. LIRR Force Account Agreement signed.

Permits: None required.

Site Map



FHL02 - Harold Early Stage 2 LIRR Direct F/A

Oct, Nov, Dec '09

Contractor: LIRR

Construction Manager: Peter Malvese

FTA Grant: NY-03-0344

Description: Advanced signal work for Stage 2 including cable trough, conduit and pull box installations, located in Point Interlocking and the West End of Harold Interlocking.

Construction



Trough Installation East of Point CIL Thomson Ave.



Trough Installation under Thomson Ave. East of Point CIL.

Schedule and Cost

Progress:

- Continued installation of trough and pull boxes west of Point Central Instrument Locations (CIL)
- Continued developing the Stage 2 estimate and schedule based on 100% design

Schedule: Progress is on schedule. The schedule will be revised once the Memorandum of Understanding (MOU) from LIRR for the balance of work is approved.

Cost: The Early Stage 2 figures represent the current value of the MOU for the early work. These figures will be revised once the MOU for remaining Stage 2 is approved.

Critical Issues: None

Milestones FHL02

Milestones Description	Current Approved Plan	Actual/Forecast
Commence Stage 2	08/09	08/09 (A)
Compl. Trough - Point CIL	10/09	12/09
Compl. Trough - H4 CIL	03/10	03/10
Complete. Early Stage 2	04/10	04/10

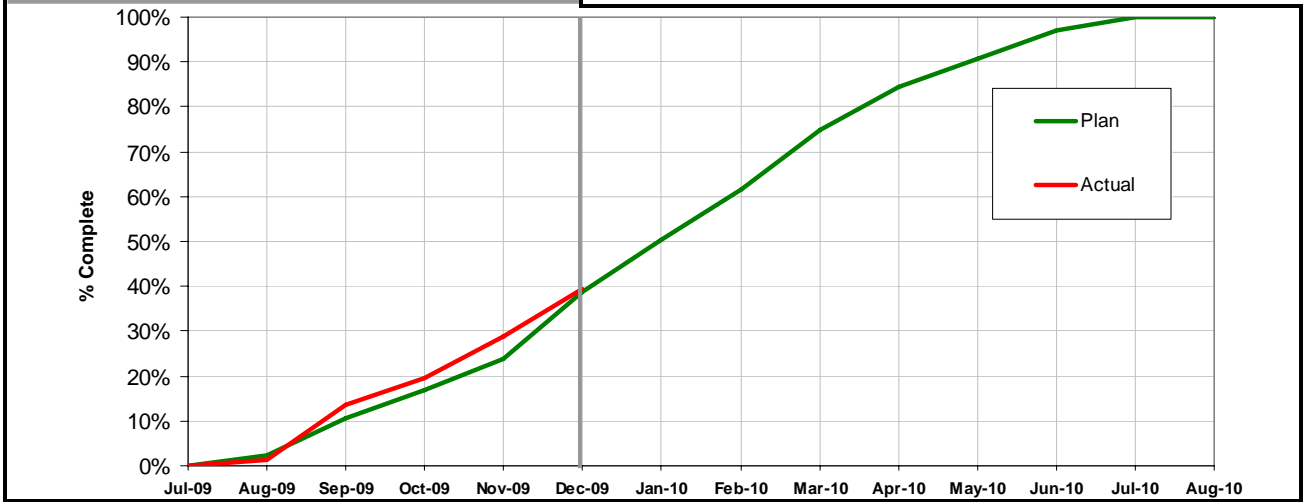
Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	22.0	19.9	38.9	39.5

Contract Costs (\$000) as of 12/31/09

	Early Stage 2*	Signal Training	Total
Budget at Award	2,417	3,429	5,846
Current Budget	2,417	3,429	5,846
Original Award	2,417	3,429	5,846
Approved Changes			
Current Contract Value	2,417	3,429	5,846
Invoiced Amount	490	1,304	1,794
Estimate at Completion	2,417	3,429	5,846

*Note: Stage 2 partial budget (early work only)

Progress Curve (FHL02)



Coordination Issues

Real Estate: None required.

Railroad Agencies: LIRR and Amtrak.

MOU: Amtrak Force Account Agreement signed. LIRR Force Account Agreement signed.

Permits: None required.

Site Map



FHA62 – F Interlocking CIH

Oct, Nov, Dec '09

Contractor: Amtrak

Construction Manager: Chuck Miller

FTA Grant: N/A

Description: Amtrak manufacture and delivery of Central Instrumentation Houses (CIHs) and cases for the F2 and F1 Interlockings. All work will be performed by Amtrak.

Construction



Amtrak Preparing Signal Hut for Shipment.

Schedule and Cost

Progress:

- Amtrak continued wiring in miscellaneous huts. With the exception of CIHs F1, F2 and location hut F1F, the shipment of all huts and cases will complete in Jan '10.

Schedule: Schedule is currently as noted; F2 CIH delivery in July 2010 and F1 CIH delivery in October 2010.

Cost: Project is within budget.

Critical Issues: None.

Milestones FHA62

Milestones Description	Current Approved Plan	Actual/ Forecast
100% Design	08/08	08/08 (A)
NTP	09/08	09/08 (A)
Delivery of F2 CIL	12/09	07/10
Delivery of F1 CIL	03/10	10/10
Substantial Completion	08/10	11/10
Close-Out	10/10	12/10

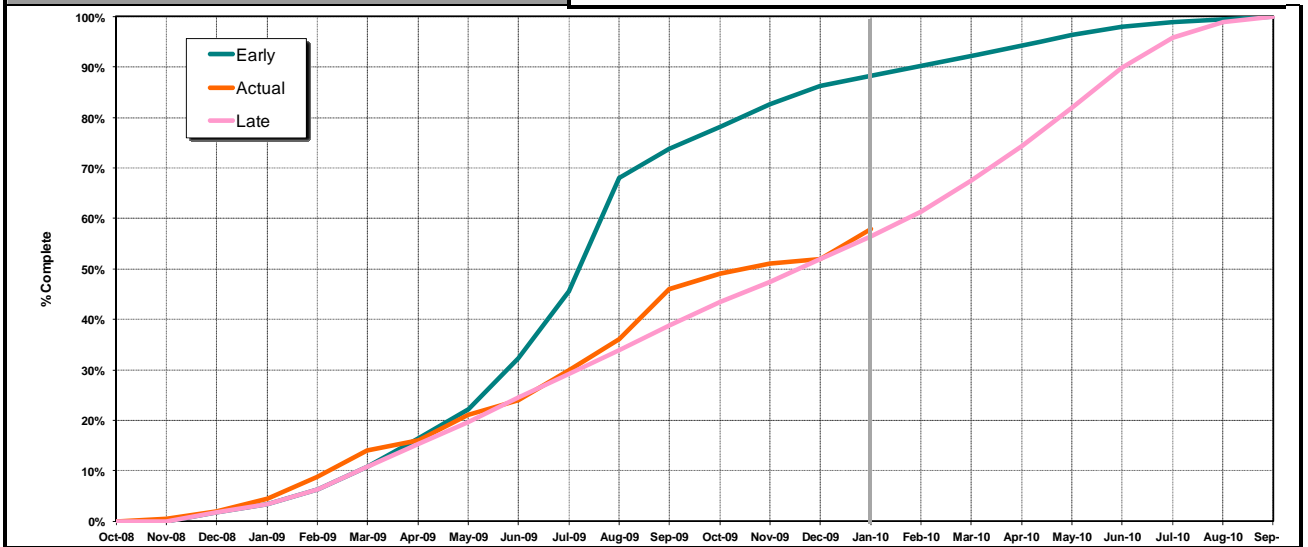
Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan*	Actual	Plan*	Actual
Percent Complete	10.1/12.9	6.0	56.4/88.3	58.0

* Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

	FHA62	F/A Support	Total
Budget at Award	8,178	N/A	8,178
Current Budget	8,178	N/A	8,178
Original Award	6,954	N/A	6,954
Approved Changes			
Current Contract Value	6,954	N/A	6,954
Invoiced Amount	2,945	N/A	2,945
Estimate at Completion	8,178	N/A	8,178

Progress Curve (FHA62)



Coordination Issues

Real Estate: N/A

Railroad Agencies: Amtrak

MOU: Amtrak Force Account Agreement signed. Amtrak Project Initiative required signed.

Permits: N/A

Site Map



VHA/L02 – Procure Harold Materials – Stage 2

Jul, Aug, Sep '09

Contractor: Various

Construction Manager: Mark Denise

FTA Grant: NY-03-0344/Stimulus Funds (Only VHL02)

Procurement

Description: Procure LIRR and Amtrak Force Account material in support of Stage 2 construction. LIRR will manage and operate the project warehouse with ESA oversight. Example of materials include: *Track* - switches, rail, concrete ties and ballast; *Third-Rail & Power* – rail, cables, boards, brackets, wire, power connectors, bus bar; *Signal Equipment* – switch machines, cables, signals, relays, heaters, troughs, impedance bonds; and *Structures* – signal bridges, retaining walls etc.; *Communications* – equipment, wire, cables, and poles.



Force Account Materials at Warehouse Storage Area.

Schedule and Cost

Status: Awarded purchase orders for materials and proceeding with bids for material

Cost: Table shows awards to date. Various purchase orders are expected in the coming months.

Critical Issues: Specification reconciliations are underway to confirm correct materials are being procured.

Amtrak – VHA02 – Budget Summary (12/31/09)

Material	Budget	Harold Stage 2 Awarded PO Value to Date	Percent Procurement Completed	Estimate at Completion
Signals	6,074,955	846,422	14%	6,074,955
Track	3,434,215	1,559	.02	3,434,215
Third Rail	491,632	7,170	2%	491,632
DC Traction	431,615	0	TBD	TBD
Communication	126,716	0	TBD	TBD
Catenary	553,007	1,740	1%	553,100
Elec. Traction	2,106,948	283,200	13%	2,106,948
Totals	13,219,087	1,140,091	9%	TBD

LIRR – VHL02 – Bid Value Summary (12/31/09)

Material	Budget	Harold Stage 2 Bid Values to Date	Percent Procurement Completed	Estimate at Completion
Signals	10,444,523	1,815,790	17%	10,444,523
Track	13,264,679	0	TBD	TBD
Third Rail / ET	1,944,087	0	TBD	TBD
DC Traction	0	0	TBD	TBD
Communication	510,111	0	TBD	TBD
Totals	26,163,400	1,815,790	7%	TBD

VH051 (Part 1) – Harold and Point CILs

Oct, Nov, Dec '09

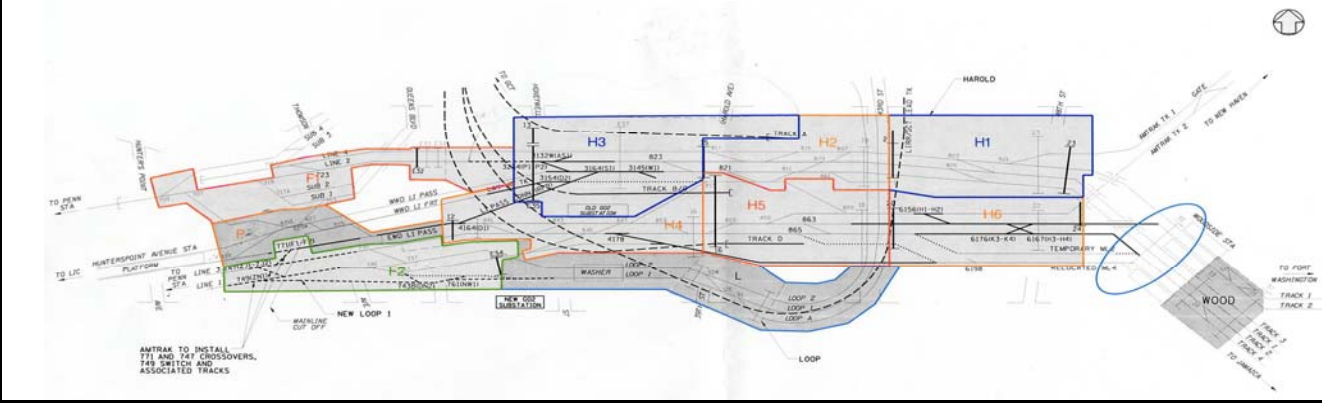
Contractor: Ansaldo STS USA, Inc

Construction Manager: Chuck Miller

FTA Grant: NY-03-0344

Description: This is the procurement of seven Harold Interlocking Central Instrument Locations (CILs) and one Point Interlocking Central Instrument Location and the purchase of a fully operational Vital Microprocessor-Based Interlocking Control System for the referenced interlockings.

Construction



Schedule and Cost

Progress:

1. Continuing submittal of data requirements list item including first location Point Interlocking's input/output tables.
2. Continuing dialogue on technical items. This includes dialogue among ASTS, LIRR and ESA and interface between ASTS and ARINC regarding the signal and control systems

Schedule:

1. The final comments from ESA on the ASTS revised CPM have been forwarded to ASTS. The final version of the revised CPM is due from ASTS in early January.
2. Milestones are current as shown

Cost: See contract costs.

Critical Issues: None.

Milestones VH051 (Part 1)

Milestones Description	Current Approved Plan	Actual/Forecast
Advertise	04/08	03/08 (A)
NTP	05/09	05/09 (A)
Compl. Point Huts & Cases	07/10	09/10
Compl. H4-H6 Huts & Cases	12/10	08/11
Compl. Point CIL	06/10	04/11
Compl. H1-H3 Huts & Cases	01/11	04/11
Compl. H4 CIL	04/11	10/11
Compl. H5 CIL	05/11	01/12
Compl. H6 CIL, 30 Loc Hut	07/11	02/12
Compl. H1, H2, H3 CILs	08/11	11/11
Substantial Completion	06/12	09/13
Final Completion	07/12	10/13

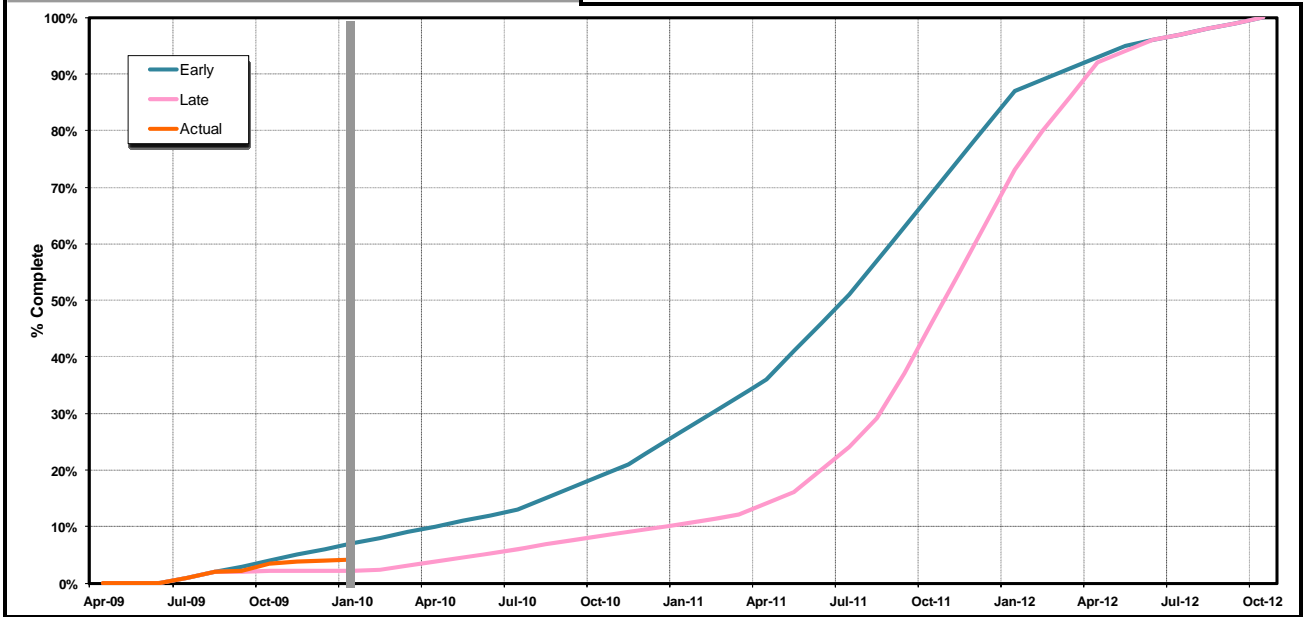
Schedule Progress	4th Qtr		Cumulative	
	Plan*	Actual	Plan*	Actual
Percent Complete	0.2/3.0	0.8	2.3/7.0	4.3

* Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

	VH051-1	F/A Support	Total
Budget at Award	30,891	N/A	30,891
Current Budget	30,753	N/A	30,753
Original Award	25,840	N/A	25,840
Approved Changes		N/A	
Current Contract Value	25,840	N/A	25,840
Invoiced Amount	984	N/A	984
Estimate at Completion	30,753	N/A	30,753

Progress Curve (VH051 Part 1)



Coordination Issues

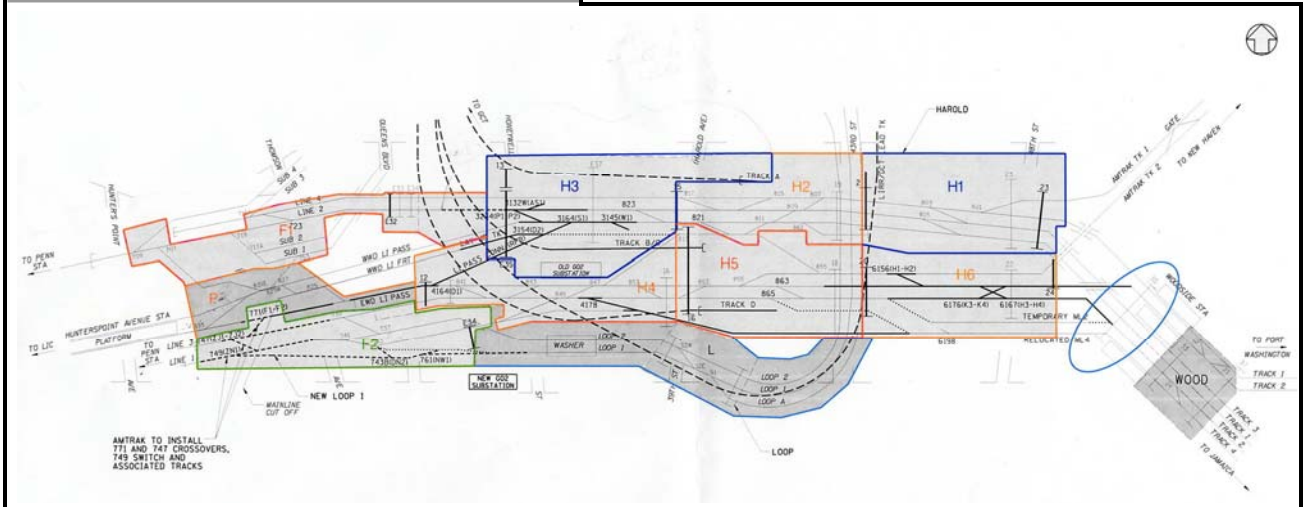
Real Estate: N/A

Permits: N/A

Railroad Agencies: LIRR/ Amtrak

MOU: LIRR Force Account MOU signed.

Site Map



VH051 (Part 2) – Harold Tower Supervisory Control System

Oct, Nov, Dec '09

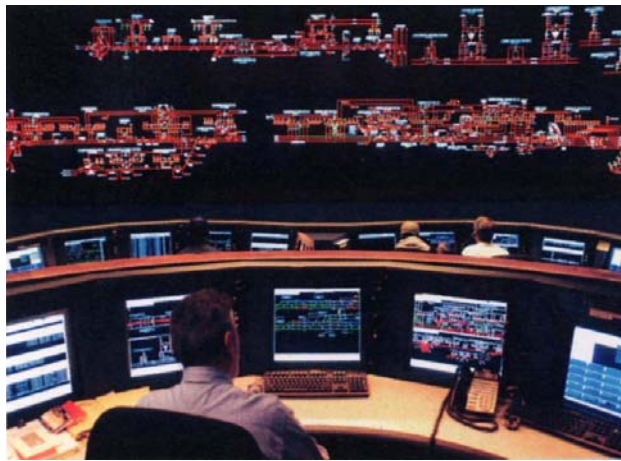
Contractor: ARINC, Inc.

Construction Manager: Chuck Miller

FTA Grant: NY-03-0344

Construction

Description: This procurement contract requires purchase of a fully operational Harold Tower Supervisory Control System (HTSCS) for control of signal at Harold and Point Interlocks.



Supervisory Control System (Sample).



Harold Tower Supervisory Control System - Existing Tower.

Schedule and Cost

Progress:

1. The revised 'F' Harold Alternate Control System (FHACS) specifications and drawings have been forwarded to Amtrak and the LIRR for final approval
2. Vendor continues its work with the Central Instrument Location (CIL) contractor on the interface design

Schedule:

1. Receipt of the proposal for the F' Harold Alternate Control System will require review of the schedule, incorporating the review cycles and subsequent delivery date of the control system
2. Final completion of the ARINC work will track with the requirements and revised in-service dates for the CILs

Cost: Progressing on budget.

Critical Issues: None.

Milestones VH051 (Part 2)

Milestones Description	Current Approved Plan	Actual/Forecast
Advertise	04/08	03/08 (A)
NTP	02/09	02/09 (A)
Delivery of Control Systems	03/10	05/10
Substantial Completion	08/10	12/10
Final Completion	05/12	05/12

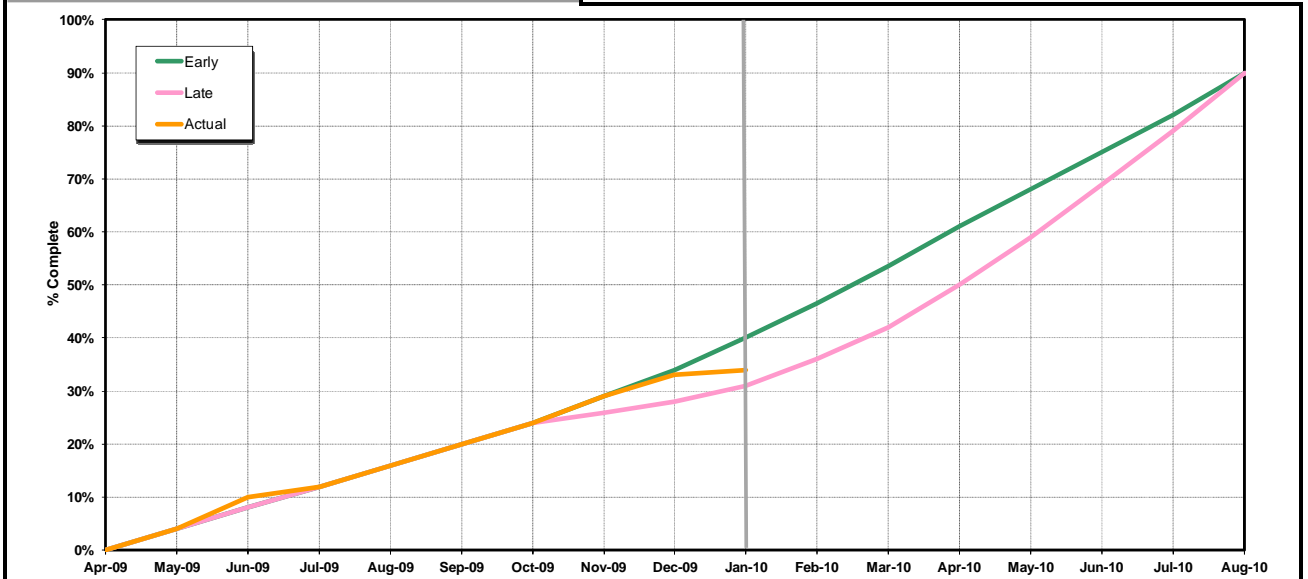
Schedule Progress	4th Qtr		Cumulative	
Cost Expenditure	Plan	Actual	Plan	Actual
Percent Complete	7.0/16.5	10.0	31.0/40.0	34.0

* Late/ Early Plan

Contract Costs (\$000) as of 12/31/09

	VH051-2	F/A Support	Total
Budget at Award	7,061	N/A	7,061
Current Budget	7,061	N/A	7,061
Original Award	5,354	N/A	5,354
Approved Changes		N/A	
Current Contract Value	5,354	N/A	5,354
Invoiced Amount	1,603	N/A	1,603
Estimate at Completion	7,061	N/A	7,061

Progress Curve (VH051 Part 2)



Coordination Issues

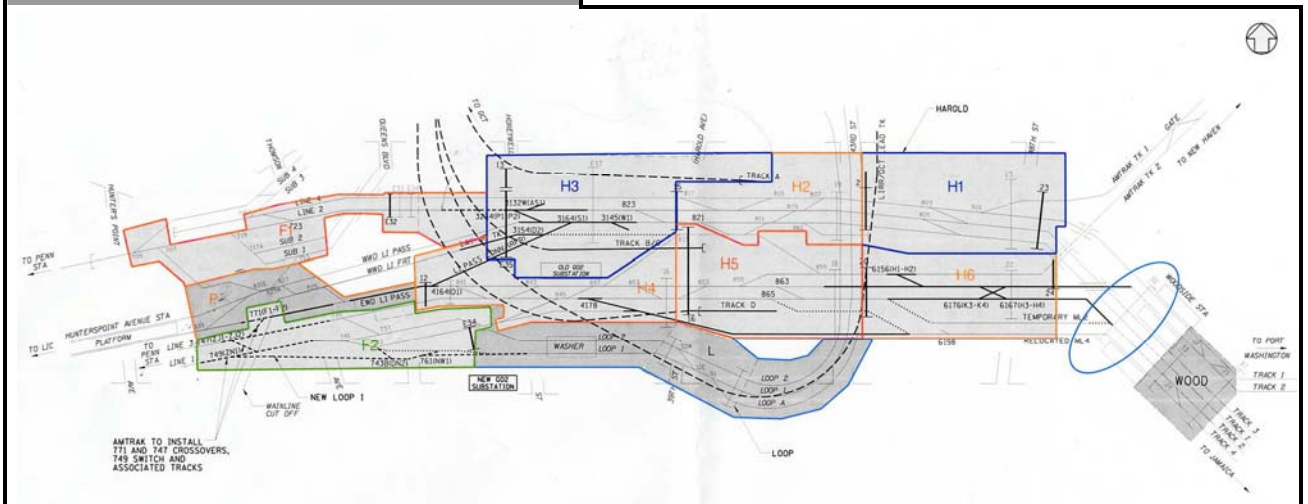
Real Estate: N/A

Permits: N/A

Railroad Agencies: LIRR.

MOU: LIRR Force Account MOU signed.

Site Map



Projects – To Be Awarded

VM014 – Vertical Circulation (Escalators & Elevators)

Oct, Nov, Dec '09

Contractor: TBD

Construction Manager: TBD

FTA Grant: NY-03-0344

Description: Install elevators, escalators and compactor lift in Concourse, Caverns, 44th & 50th Street Ventilation Facilities, MNR facilities and entrance.



To Be Awarded

Schedule and Cost

Progress:

- Request for Proposals issued January 2010.

Schedule: See forecast of project milestones.

Cost: Budget to be included upon award.

Critical Issues: None.

Milestones VM014		
Milestones Description	Current Approved Plan	Actual/Forecast
Advertise (IFB)	12/09	1/10 (A)
NTP	7/10	7/10 (F)
Substantial Completion		
Close-Out		

Schedule Progress	4th Qtr		Cumulative	
	Plan	Actual	Plan	Actual
Cost Expenditure				
Percent Complete				

Contract Costs (\$000) as of 12/31/09			
	VM014	F/A Support	Total
Budget at Award			
Current Budget	TBD		TBD
Original Award			
Approved Changes			
Current Contract Value			
Invoiced Amount			
Estimate at Completion	TBD		TBD

Coordination Required

Real Estate:

Railroad Agencies: MNR and LIRR

Permits:

MOU:

CQ039 – Northern Boulevard Crossing

Oct, Nov, Dec '09

Contractor: TBD

Construction Manager: Phil Stummvoll

FTA Grant: NY-03-0344

Description: Construct mined crossing under Northern Blvd., the IND underground subway and the BMT elevated subway. This includes:

- 1) Ground improvement
- 2) Underpinning BMT foundations
- 3) Complete excavation and support existing slurry walls
- 4) Geotechnical instrumentation
- 5) Initial support and sequential excavation



Queens Open-Cut Excavation (Northern Blvd to Existing Rail Yard).

To Be Awarded

Schedule and Cost

Progress:

1. Request for Proposals issued in January 2009
2. Proposals received in May 2009
3. Technical and cost review completed in July 2009
4. Negotiations completion forecast October 2009
5. Forecast Award in February 2010

Schedule: See forecast of project milestones.

Cost: Budget to be included upon award.

Critical Issues: Delay in award is due to outstanding DBE issues. There is approximately 6 months of float before this work becomes critical.

Milestones CQ039		
Milestone Description	Current Approved Plan	Actual/Forecast
Advertise	01/09	01/09 (A)
NTP	12/09	2/10 (F)
Substantial Completion	08/11	09/11
Close-Out	12/11	01/12

Schedule Progress	4th Qtr		Cumulative	
	Plan	Actual	Plan	Actual
Cost Expenditure	TBD	TBD	TBD	TBD
Percent Complete	TBD	TBD	TBD	TBD

Contract Costs (\$000) as of 12/31/09			
	CQ039	F/A Support	Total
Budget at Award			
Current Budget		1,245	
Original Award			
Approved Changes			
Current Contract Value			
Invoiced Amount			
Estimate at Completion		1,245	

Coordination Required

Real Estate: N/A

Railroad Agencies: Pre-award review/approval has been obtained from NYCT. NYCT will review contractor's designs.

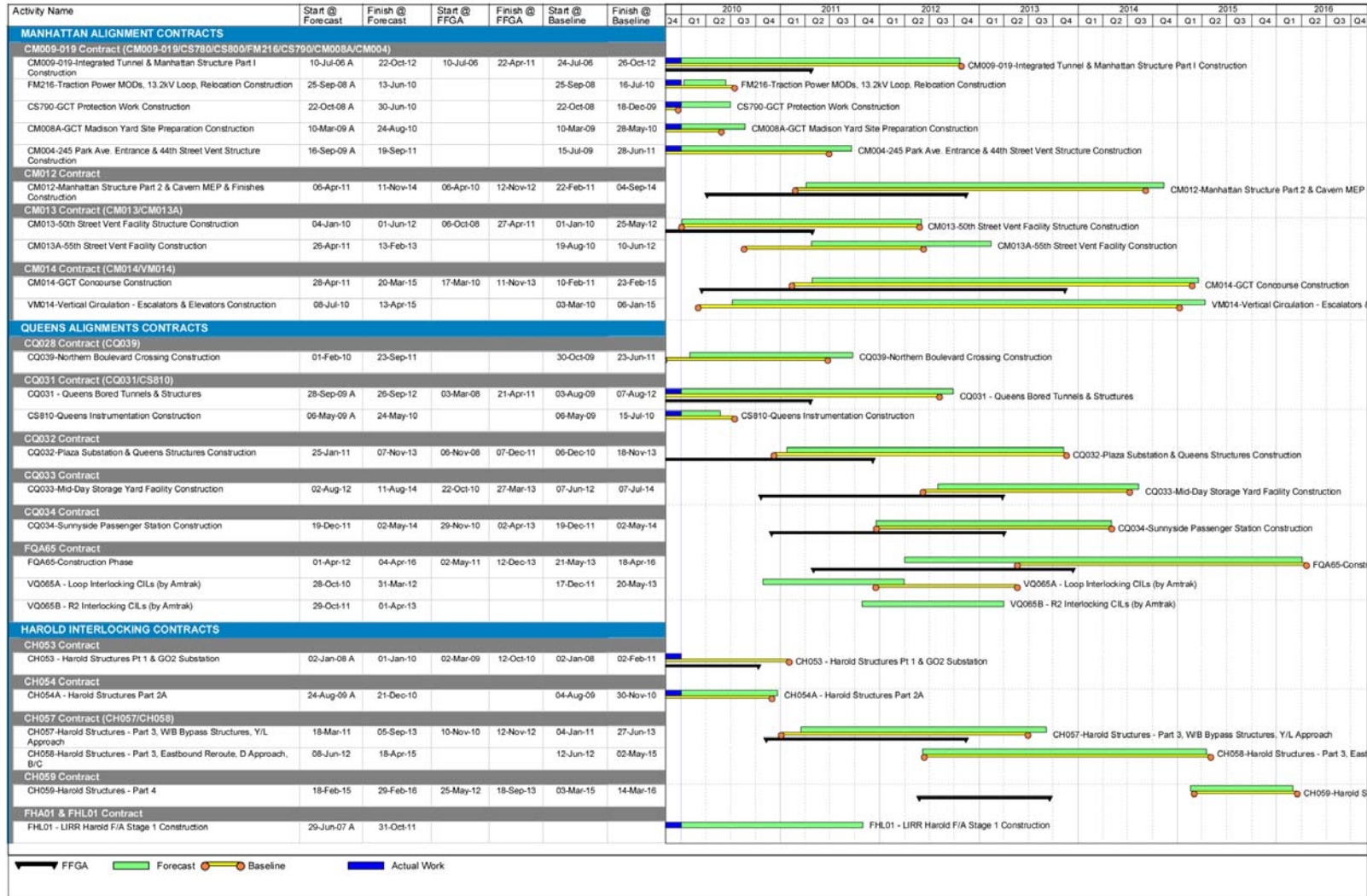
Permits: Lane closure (DOT) and water discharge (DEP) permits will be obtained by contractor.

MOU: N/A

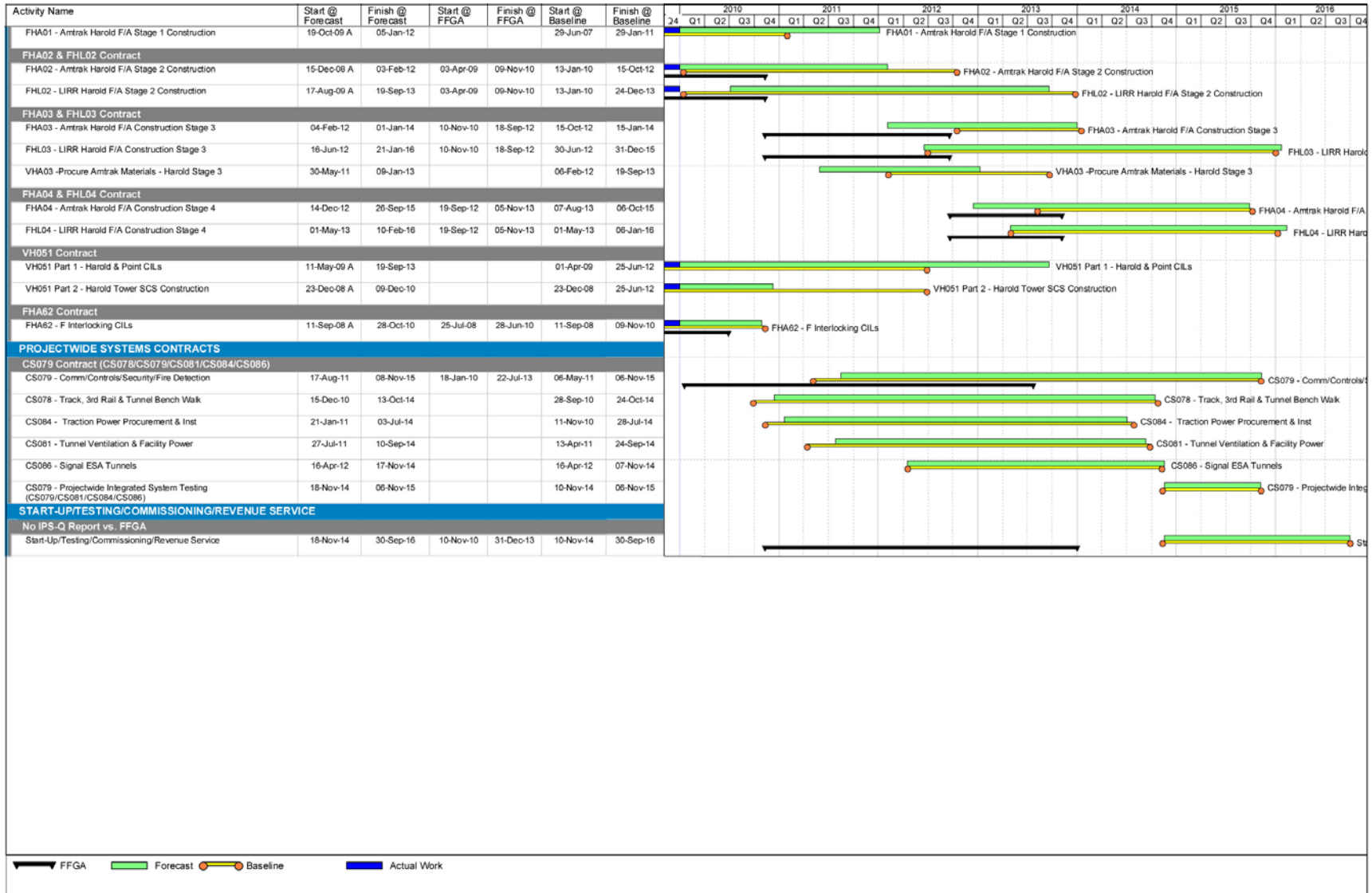
Summary of Completed Contracts

NTP	Substantial Completion			% Complete		Original Budget at Award (\$M)	Final (\$M)
	Plan	Revised	Forecast	Plan	Actual		
	Orig						
QUEENS							
CQ025 – Demolition of Superior Reed Bldg and Preparation of Yard A				Tully Environmental, Inc.			
11/5/02	7/2/03	9/15/03	9/15/03 (A)	100.0%	100.0%	5.3	5.6
CQ026 – Open Cut Excavation at Bellmouth				Kiewit Construction, Inc.			
10/7/02	9/7/03	11/25/03	11/25/03 (A)	100.0%	100.0%	16.8	18.7
CQ027 – Arch St Yard and Shop Facility				Slattery Skanska/Edwards & Kelcey			
7/9/02	6/28/04	11/30/04	12/31/04 (A)	100.0%	100.0%	77.1	77.1
CQ028 – Queens Open-Cut Excavation				Pile Foundation Construction Co., Inc.			
04/27/06	04/15/08	10/22/08	06/08 (A)	100.0%	100.0%	121.5	62.8
CQE28-1 – Emergency Work Civil/Structural (CQE28-01)				Railroad Construction Co., Inc.			
06/08	10/09	10/09	12/09	100.0%	100.0%	6.8	9.3
FQA/L36 – Arch Street Yard Access – Amtrak/LIRR				Amtrak/LIRR F/A			
11/14/04	09/01/05	06/23/06	06/23/06 (A)	100.0%	100.0%	12.1	8.3
FQL35 – Wood Interlocking – LIRR				LIRR F/A			
07/05	10/08	10/08	11/08 (A)	100.0%	100.0%	23.8	27.2
VH055 – Switch Exchange System (Procurement)				Plasser American Corp.			
12/20/02	06/27/04	05/29/05	09/30/05 (A)	100.0%	100.0%	17.7	17.2
VHA01 – Procure Harold materials – Stage 1 Amtrak				Various			
06/06/06	07/08	29/09/10	09/09 (A)	100.0%	100.0%	5.1	5.6
VHL01 – Procure Harold materials – Stage 1 LIRR				Various			
6/26/07	01/09	03/10	09/09 (A)	100.0%	100.0%	8.3	6.0
MANHATTAN / BRONX							
CM001 – Highbridge Yard				Highbridge Yard Contractors			
9/5/01	4/15/03	4/15/03	12/4/03 (A)	100.0%	100.0%	79.4	75.6
CM016 – Manhattan Approach Tunnels Excavation				Kiewit Constructors, Inc.			
2/23/04	8/20/04	8/20/04	8/18/04 (A)	100.0%	100.0%	11.8	11.1
CM017 – GCT East Yard Remediation				Tully Environmental Inc.			
1/6/03	10/3/03	10/3/03	9/26/03 (A)	100.0%	100.0%	2.2	1.8
FMM02 – GCT East Yard Track & Signal Modifications				MNR F/A			
12/01/02	12/09	12/09	12/08 (A)	100.0%	100.0%	55.1	27.0
CS770 – GCT Flat Cars Procurement				J-Track, LLC			
11/17/08	02/09	03/09	03/09 (A)	100.0%	100.0%	2.3	2.3
CS780 – Madison Yard Preparation				T. Moriarty and Sons, Inc.			
05/14/08	12/08	04/09	09/09 (A)	100.0%	100.0%	4.4	4.7
CS800 – GCT Instrumentation				Wang Technology, LLC.			
06/28/08	06/09	09/09	09/09 (A)	100.0%	100.0%	7.1	7.2
Total						456.8	367.5

Summary Program Schedule



Quarterly Review Report – 4th Quarter '09



Quarterly Review Report – 4th Quarter '09

Contract Packaging Plan – Rev. 8.0

Active Pre-2008	2008	2009	2010	2011	2012	2013	2014	2015	2016
<p>CM009 Manhattan Tunnels Excavation</p>	<p>CM019 Manhattan Structures 1</p> <p>General Conditions</p> <p>CS790 – GCT Protection </p> <p>FM216 Traction Power MODs & 13.2kV Loop</p> <p>CQE28-01 Emergency Work – Construction (Railroad Construction)</p> <p>CQE28-02 Emergency Work – Environmental (Impact)</p> <p>FHL01 / FHA01 Harold F/A Stage 1</p> <p>FHA62 AMTRAK F Interlocking CILs</p> <p>CH053 Harold Structures - Part 1 & GO2 Substation</p> <p>VH051 (Part 2) Harold Tower Supervisory Control System</p>	<p>CM008A Madison Yard Site Clearance (LIRR Concourse)</p> <p>CM004 44th St. Demolition, Construct Fan Plant Structure and 245 Park Avenue Entrance</p> <p>CM013 IFB 50th Street Vent Plant Facility</p> <p>General Conditions </p> <p>CS810 – Instrumentation - Queens</p> <p>CO031 Queens Bored Tunnels and Structures</p> <p>CH054A Harold Structures – Part 2A</p> <p>VH051 (Part 1) Harold & Point CILs</p>	<p>VM014 RFP Vertical Circulation Elements</p> <p>CM013A IFB 55th Street Vent Plant Facility</p> <p>CQ032 IFB Plaza Substation & Queens Structures</p> <p>CQ039 RFP Northern Boulevard Crossing Construction</p> <p>FHL02 / FHA02 Harold F/A Stage 2</p> <p>CS078 IFB Track, 3rd Rail and Tunnel Bench Walk</p> <p>CS084 RFP Traction Power Procurement and Installation</p>	<p>CM014 RFP GCT Concourse and Facilities Fit-Out</p> <p>CM012 INNOVATIVE RFP Manhattan Structures 2 and Facilities Fit-Out</p> <p>VQ065 IFB Loop Interlocking CIL</p> <p>CH057 IFB Harold Structures – Part 3 EBR-WBBP</p> <p>CS081 RFP Tunnel Ventilation and Facility Power</p> <p>CS079 RFP Communications, Controls, Security and Fire Detection</p>	<p>CQ033 IFB Mid-Day Storage Yard Facility</p> <p>FHL03 / FHA03 Harold F/A Stage 3</p> <p>CH058 IFB Harold Structures - Part 3 – E/B Bypass, D Approach</p> <p>CS086 RFP Signal ESA Tunnels</p>	<p>FHL04 / FHA04 Harold F/A Stage 4</p>	<p>CH059 IFB Harold Structures - Part 4</p>	<p>Legend</p> <p>Contract No. </p> <p>Description </p> <p> Awarded</p> <p>Color Code</p> <p>MANHATTAN</p> <p>QUEENS</p> <p>HAROLD</p> <p>PROJECTWIDE</p>	<p>ESA Projectwide</p> <p>Start-up, Testing & Commissioning</p>
VHA01/VHL01 - VHA02/VHL02 - VHA03/VHL03 - VHA04/VHL04									
Procure Harold Material Stages 1 through 4									

Funding and Budget

Project Budget Summary (As of Dec 31, 2009) (\$ in thousands)

<i>Component</i>	<i>FFGA Budget</i>	<i>Current Budget</i>	<i>Awarded Value</i>	<i>Paid To Date</i>	<i>EAC</i>
EIS & Engineering	\$486,270	\$564,665	\$498,196	\$452,653	\$564,665
Construction	4,441,776	5,590,491	2,610,861	1,044,232	5,590,491
Contracts Awarded	1,838,859	3,150,669	N/A	N/A	
Contracts To Be Awarded	2,602,917	2,439,822	N/A	N/A	
OCIP*	250,000	190,853	91,636	88,257	190,853
Management/General Conditions(FFGA only)	475,652	608,623	345,595	267,769	608,623
Real Estate	165,000	171,368	79,145	77,865	171,368
Rolling Stock	531,202	202,000	0	0	202,000
Total	\$6,349,900	\$7,328,000	\$3,625,433	\$1,930,775	\$7,328,000
Capital Program Authorization	\$4,106,674	\$4,373,951			
2010-2014 Capital Program	\$2,243,226	\$2,954,049			

* OCIP budget does not include \$84 million paid with surety funds that are not included in the project budget.

Pending Federal Funding from the American Recovery and Reinvestment Act

<i>ACEP</i>	<i>Contract No.</i>	<i>Project</i>	<i>Brief Description</i>	<i>Federal Amount Requested</i>
G509-01-45	VS099	ESA - Pre-Order Materials - Systems	Advanced procurement of construction materials to be installed by various systems' contractors. Material includes wire and cable, conduit, rail and crossties. Partial funding.	\$16.0
G509-01-18	VHL02	ESA - Pre-Order Materials - Harold Interlocking	Advanced procurement of construction materials for Harold Interlocking, including wire and cable, conduit, rail and crossties. Partial funding.	\$6.7
G509-01-22	CQ031	ESA - Queens Bored Tunnels	Excavate tunnels and ventilation shafts under Sunnyside yard and the LIRR's Mainline Tracks. Partial funding.	\$132.3
G409-01-43	CM004	ESA - 44th Street Vent Structure & 245 Park Avenue Entrance	47 East 44th Street demolition and construction of fan plant structure and 245 Park Avenue Entrance. Partial funding.	\$14.2
G509-01-28	CM008A	ESA - Madison Yard Demolition and Site Clearance	Demolition and site clearance in Madison Yard, including environmental abatement and utility relocation, in GCT. Partial funding.	\$17.2
G409-01-26	CH054A	ESA - Harold Structures Part 2	Construct various civil infrastructure elements at Harold Interlocking and expand the existing LIRR Amtrak ROW for the future TBM tunnels and Main-line track diversions. Partial funding.	\$9.2
Total				\$195.4

Quarterly Review Report – 4th Quarter '09

Project Funding Status (As of Dec 30, 2009)

(\$ in Millions)

Total Budget (exclusive of financing costs) \$7,328.0					
MTA Capital Programs	Budget	Funding			
		Federal			Local
		New Starts		Other	
		New Starts	ARRA		
1995-1999	\$ 157.7	\$ 45.7	0	0	\$ 112.0
2000-2004	1,533.5	564.1	0	28.8	940.6
2005-2009	2,682.8	1,826.9	195.4	21.7	638.8
2010-2014	2,954.0	0	0	0	2,954.0
Total	\$7,328.0	\$2,436.7	195.4	50.5	\$4,645.4

*Totals may not add due to rounding.

Value of Contract Awards

\$3,677.4

- Federal Share of Contract Awards	1,148.9	31.2%
- Local Share of Contract Awards	2,528.5	68.8%

Value of Finance Charges Incurred (based on prorated share)

\$90.9 million

Summary of Federal Grants Received (FFGA)

Grant No.	FTA Award Date	FFY	Obligation Amount	Disbursement
NY-03-0344	22-Jun-99	1998	\$19.9	\$19.9
		1999	23.8	23.8
NY-03-0344-01	25-Apr-00	2000	2.0	2.0
NY-03-0344-02	14-May-01	2001	7.9	7.9
NY-03-0344-03	13-Jun-02	2002	14.6	14.6
NY-03-0344-04	05-Aug-03	2003	13.3	13.3
NY-03-0344-05	21-Sep-04	2004	73.8	73.8
NY-03-0344-06	10-May-05	2005	65.2	65.2
NY-03-0344-07	27-Jan-06	2005	34.0	34.0
NY-03-0344-08	21-Dec-06	2006	333.2	333.2
NY-03-0344-09	01 Aug 07	2007	300.0	300.0
NY-03-0344-10	11 Aug 08	2008	210.7	58.4
Subtotal ESA New Starts Grants NY-03-0344			\$1,098.5	\$887.8
NY-95-X002 ESA (CMAQ)	14-Sept-07	2007	6.6	6.6
NY-90-X467 (MNR&LIRR)	29-Mar-02	2002	15.2	15.2
NY-03-0395 (LIRR)	20-Feb-02	2002	7.5	7.5
NY-03-0406 (MNR)	12-May-03	2003	5.0	5.0
NY-90-X489 (MNR)	08-Aug-03	2003	1.1	1.1
NY-03-0427 (LIRR)	01-Mar-05	2005	2.0	2.0
NY-05-0108 (LIRR)	27-Jun-06	2006	2.7	2.7
NY-05-0109 (LIRR)	24 Jul -07	2007	5.8	5.8
NY-95-X009 ESA (CMAQ)	13-Jan-09	2008	2.3	2.3
NY-95-X015 ESA (CMAQ)	22-Sept-09	2009	2.3	0
Subtotal Non-New Starts Grants			\$50.4	\$48.1
Total All Grants			\$1,148.9	\$994.3

Quarterly Review Report – 4th Quarter '09

Status of Project Contingency (\$M)				
	Sept. '09 Baseline	Drawdown	Current Value	%*
AFI				
Harold	\$11.5	\$0.0	\$11.5	
Manhattan	43.8	(6.2)	37.6	
Queens	22.5	(2.7)	19.8	
Systems	31.1	0.0	31.1	
Total AFI	\$108.9	(\$8.9)	\$100.0	4.0%
AWO (MODS)				
Harold	\$61.1	(\$20.6)	\$40.5	
Manhattan	86.3	(11.3)	75.0	
Queens	61.4	4.2	65.6	
Systems	32.6	0.0	32.6	
Total AWO (MODS)	\$241.3	(\$27.6)	\$213.7	4.9%
Construction Reserve	\$0.0	\$1.1	\$1.1	
Engineering	6.7	2.0	8.7	
OCIP	18.3	0.0	18.3	
Real Estate	33.8	0.0	33.8	
Rolling Stock	15.3	0.0	15.3	
Total	\$424.4	(\$33.5)	\$390.9	

* AFI % calculation represents the current value of AFI contingency as a percent of total unawarded construction. AWO (MODS) % calculation is the current value of contingency as a percent of total active/unawarded work to go for that category

Notes: Value include both third party and force account (direct + indirect) contingency

Contingency Drawdown		(\$ in Millions)
September 2009 Baseline		424.4
Fourth Quarter '09 Adjustments:		
CH053 Contract Modifications		(8.4)
CM009 Contract Modifications		(4.4)
CM019 Contract Modifications		(3.5)
CM008A Contract Modifications		(0.4)
CS780 Contract Modifications		(0.1)
CQ031 Award Including the Pending Option		3.1
CM013 Award Under Budget		9.9
CQ039 Pending Award Over Budget		(30.3)
GEC Budget Adjustment for Mod #17		2.0
Transfer 38 th Street Vent Facility from CM012 to CM019 and CM009		(1.7)
Closeout FMM02		0.3
Total Fourth Quarter '09 Adjustments:		(33.5)
Total		\$390.9

Force Account Construction Budget *(As of Dec 30, 2009)*

Description	Labor & Equip.	Materials	Total
Amtrak	\$141.3	\$43.3	\$184.6
LIRR	253.8	136.7	390.5
MNR	80.0	-	80.0
NYCT	7.3	-	7.3
NYAR	1.0	-	1.0
Force Account Estimate Total	\$483.4	\$180.0	\$663.4

Force Account 2009 Commitment Summary *(As of Dec 30, 2009)*

Description	'09 Plan	Actual	Remaining
Amtrak	\$16.2	\$19.9	-\$3.7
LIRR	68.8	56.2	12.6
MNR	0	0.9	-0.9
NYCT	0.3	0	0.3
NYAR	-	-	-
Force Account Estimate Total	\$85.3	\$77.0	\$8.3

Changes from Last Quarter

- \$20.2 million committed for VHL02
- \$7.2 million committed for VHA02
- FQA/L31 and FHL02 deferred to 2010

First Quarter '10 – Look Ahead

Design

The Active Design Packages Table

Contract	Description	Design Start	Next Milestone & Date	Comments
Manhattan				
CM012	Manhattan Structures 2 & Facilities Fit-Out	N/A	90% 03/10	
CM013A	55th St Ventilation Facility	N/A	30% 03/10	
CM013B	38th St Ventilation Facility	N/A	90% 02/10	
CM014	GCT Concourse & Facilities Fit-Out	N/A	90% 02/10	On-board review of pre-90% design.
Queens				
CQ032	Plaza Substation & Queens Structures	N/A	90% 03/10	Substation B10 only.
VQ065A	Loop Interlocking CIL	N/A	60% 04/10	
Harold				
CH057	Harold Structures Part 3A	N/A	90% 02/10	
FHA02	Harold Stage 2 Amtrak F/A Communications	N/A	90% 01/10	
FHL02	Harold Stage 2 LIRR F/A Communications	N/A	90% 01/10	
FHA02A	Harold Stage 2A Catenary	N/A	60% 02/10	
FHL02	Harold Tower Renovation	N/A	100% 02/10	
FHA03	Harold Stage 3 Amtrak F/A	N/A	30% 03/10	
Systems				
CS078	Track, Third Rail & Tunnel Bench Walk	N/A	90% 01/10	
CS079	Communications, Controls, Security & Fire Detection	N/A	90% 03/10	Systems only.
CS084	Traction Power	N/A	90% 02/10	
CS086	Signal ESA Tunnels	N/A	30% 01/10	

Grand Central Terminal

- Continued review and input to the preparation of the *GCT Concourse and Facilities Fit-Out (CM014)* contract documents
- Provide review comments on the 60% submission of the *Manhattan Structures 2 and Facilities Fit-Out (CM012)* contract documents
- Receive proposals for *Vertical Circulation - Escalators & Elevators (VM014)*
- Resolve Americans with Disabilities Act (ADA) accessibility issues impacting street level access to the ESA concourse level
- Resolve the electrical energy consumption issue in regard to the satisfaction of New York State sustainability codes and guidelines

Railroad Systems

- Continue development of Tunnel Misroute Protection Plan with LIRR
- Issue comments on the Comprehensive System Testing Plan (Volumes 1 and 2)
- Draft Tunnel Simulation Summary Report

Operational Readiness/LIRR Start Up

- Complete Draft Revision 0 - Master Training Plan
- Develop draft of the Operational Readiness Verification Plan
- Formulation of the database that will be used for the Operational Readiness Verification process
- Continue identifying components and processes for developing the Asset Inventory, in coordination with the Long Island Rail Road
- Complete of Revision 0 - Emergency Preparedness Plan
- Support completion of Revision 0 - Comprehensive System Test Plan
- Documents under review by FTA/PMOC for comments:
 - Concept of Operations (Revision A)
 - Operational Readiness Program Management Plan (Revision 0)
 - Operations & Maintenance Plan (Revision 5)
 - Asset Management Plan (Revision 0)

Construction

- *Manhattan Tunnel Excavation (CM009)* – Continue mining at West Bound (WB) lower level drive 3 with Robbins TBM, continue backing up Seli TBM and Launch TBM for Drive # 3 by end of Feb 2010

- *Manhattan Structures Part 1 (CM019)* – Continue roadheader excavation of top heading at WB cavern, excavation of EB Cavern, and drill and blast excavation at Shaft 3 & Shaft 4. Continue mechanical excavation of Wellway #1, 2, 3, 4.
- *Madison Yard Site Clearance (CM008A)* – Continue concrete masonry unit (CMU) work at the East Perimeter Wall and formwork and rebar for piers and slab
- *44th St. Demo & Construct Fan Plant Structure & 245 Park Ave. Entrance (CM004)* – Review submittals and work plans for field activities, mobilize on site and commence of 245 Park Ave entrance work
- *MNR Traction Power and MOD's (FM216)* – Complete work associated with Switchboard room D, conduit runs and motor operated devices (MODs)
- *Grand Central Terminal Protective Works (CS790)* – Continue installation of protective nets on GCT Express Level to support demolition and excavation operations in Madison Yard. Continue bracket/cable installation at platforms and tracks
- *Emergency Work Environmental (CQE28-02)* – Continue removing light fixtures, debris from Amtrak's buildings
- *Queens Instrumentation (CS810)* – Continue drilling inclinometer in Sunnyside Yard and installation of surface monitoring and structural monitoring points
- *Queens Bored Tunnels and Structures (CQ031)* – Continue mobilization and yard set up including installation of site office trailers, utilities, concrete barriers and construction fences. Continue design and procurement of Tunnel Boring Machines (TBM)
- *Harold Structures I (CH053)* – Continue installation of retaining walls, complete excavation and concrete of catenary foundations. Begin mining micro tunnel
- *Harold Structures Part 2A (CH054A)* – Develop work plan to begin construction of the retaining wall
- *Harold Stage 1 (FHA/L01)* – Complete installing 823 Switch, relocating catenary wire to new structures and circuit revision and testing for switch cutovers
- *Harold Early Stage 2 (FHA/L02)* – Continue installing trough and conduit for the early stage 2 works and relocating communication cable at Harold South/North
- *F Interlocking Central Instrumentation Houses CIHs (FHA62)* – Wiring of signal huts, cases and CIHs will continue through early first quarter 2010.
- *Harold and Point Central Instrument Location CILs Part 1 (VH051)* – Continue review of submittals for Point Interlocking
- *Harold Tower Supervisory Control System Part 2 (VH051)* – Vendor will continue finalizing Submittal #3 and submitting elements of Submittal #4 for review. Procurement of control system hardware is underway.

Budget and Finance

- Finalize the Enterprise Level Project Execution Plan for both the East Side Access and the Second Avenue Subway projects and begin to implement principles of the plan
- Draft the ESA Recovery Plan
- Implement a process to update the Project Management Plan consistent with the Executive Level Project Execution Plan
- Coordinate the collection of data to support the Federal Stimulus funding requirements
- Further development of Budget reports to track and report on Budget adjustments, contingency drawdown and estimates to complete
- Work with the MTA to update the 2010-2014 Capital Program as required in preparation to resubmit the plan to the NYSCPRB

Quality

- Completion of 4th quarter 2009 quality audits for all active construction contracts expected to be complete in January 2010
- Continue monitoring of contractor's internal and external audits
- Continue the review of all programmatic documents that incorporate new processes or enhance existing processes

Methods and Procedures

- Continue to facilitate the development and completion of critical procedures

Safety

- Continue performing oversight of contractor's safety and security activities
- Implement ESA Safety Team's requirements and adjustment to shifting and expanding field conditions
- Conduct project wide MTACC site safety assessments of tunnel and field conditions
- Continue to evaluate hazard analyses and safe work plans
- Continue to evaluate and increase training

Site and Systems Security

- Convene system safety certification committee to present *Plaza Substation & Queens Structures (CQ032)*, *Queens Bored Tunnels and Structures (CQ031)*, *Vertical Circulation Elements - Escalator and Elevators (VM014)*, and *55th St. Ventilation Facility (CM013A)/ 50th Street Vent Plant Facility (CM013B)*
- Continue site assessments with the FDNY at Madison Yard
- Schedule site visit in Queens with FDNY Engineering to present Westbound Bypass

Real Estate

- Begin preliminary acquisition process for *Harold Structures Part 3 (CH058)* temporary easement
- Finalize secured storage agreement for *Harold Stage 1-4 (FHLA 01-04)*
- Begin preliminary acquisition process for force account warehouse

Public Outreach

- Work with NYCDOT and NYPD to assign traffic agents to 37th Street and Park Avenue and 50th Street during surface construction
- Conduct additional outreach for 50th Street Ventilation Facility construction