

MTACC Monthly Report to CPOC

Second Avenue Subway

July 25, 2016

Critical Milestones and Issues

63 rd Street Station (Contract 3)				
Status	Critical Milestone	Target Date (Apr 2016)	Current Forecast Date	Potential Impact on Revenue Service Date
 Green	Level 3-4 Testing (Field Installation Acceptance Testing (FIAT))	5/31/2016	7/30/2016	Level 3-4 testing is complete for all items except for 3 of 6 rooms in which the Inergen system must still be tested. No impact on RSD.
 Yellow	Level 5 Testing (Systems Integrated Testing (SIT))	8/15/2016	8/15/2016	

Legend

	Red	Significant impacts with potential impacts on Revenue Service Date, Cost, or Customer Benefit Milestones
	Yellow	Impacts which can lead to cost increases or schedule delays on individual milestones or contracts.
	Green	No Near Term Impact for Design, Procurement & Construction. Successful management of major activity to stay on schedule or budget.

Critical Milestones and Issues

72 nd Street Station (Contract 4C)				
Status	Critical Milestone	Target Date (Apr 2016)	Current Forecast Date	Potential Impact on Revenue Service Date
Green	Tunnel Vent Fans Installation	6/15/2016	Completed 6/20/2016	
Green	HVAC Installation	6/15/2016	Completed 6/20/2016	
Yellow	Fire Life Safety Watermist Installation	5/31/2016	7/31/2016	Watermist installation in the TPSS room has been delayed due to conflict in work coordination between the Station and Systems contractor. No impact to RSD.
Yellow	Level 3-4 Testing (FIAT)	8/31/2016	8/31/2016	All stations systems except elevators and escalators will be completed.
Yellow	Level 5 Testing (SIT)	9/30/2016	10/30/2016	TSSM and Fire Life Safety testing will be completed by the Target Date September 30, 2016. HVAC has been delayed by fire alarm installation and testing, which will be completed by October 30, 2016. No impact to RSD.

Legend

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Critical Milestones and Issues

72 nd Street Station (Contract 4C)				
Status	Critical Milestone	Target Date (Apr 2016)	Current Forecast Date	Potential Impact on Revenue Service Date
Yellow	Escalators Installation & Testing except Entrance 1	9/30/2016	9/30/2016	
Yellow	Entrance 1 Escalators Installation	10/28/2016	10/28/2016	
Yellow	Entrance 1 Escalators Level 3-5 Testing	11/30/2016	11/30/2016	
Red	Elevators Installation & Testing except Entrance 3	9/30/2016	10/30/2016	Delays in fabricating 1 elevator cab. Cab delivery has been expedited and Contractor will be working additional shifts to mitigate delay. Potential impact to RSD.
Red	Entrance 3 Elevators Installation	9/1/2016	9/30/2016	Delays in fabricating 3 elevator cabs. Cab delivery has been expedited and Contractor will be working additional shifts to mitigate delay. Potential impact to RSD.
Red	Entrance 3 Elevators Level 3-5 Testing	11/30/2016	11/30/2016	Potential to impact RSD.

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Critical Milestones and Issues

86 th Street Station (Contract 5C)				
Status	Critical Milestone	Target Date (Apr 2016)	Current Forecast Date	Potential Impact on Revenue Service Date
Yellow	Escalators Installation	6/21/2016	7/31/2016	All 13 escalators will be installed by July 31, 2016. No impact to RSD.
Yellow	Elevators Installation	6/21/2016	7/31/2016	No Impact to RSD.
Green	Tunnel Vent Fan Installation	5/31/2016	Completed 6/17/2016	
Green	HVAC Installation	5/31/2016	Completed 6/17/2016	
Green	Fire Life Safety Installation	5/31/2016	Completed 6/17/2016	
Yellow	Level 3-4 Testing (FIAT)	8/1/2016	8/30/2016	Level 3-4 Testing for all Station systems will be completed by August 15, 2016 except elevators and escalators. Level 3-4 testing for elevators and escalators will be completed by August 30, 2016. No impact to RSD.
Yellow	Level 5 Testing (SIT)	9/1/2016	10/30/2016	TSSM and Fire Life Safety Level 5 testing is expected to be completed by September 30, 2016. HVAC has been delayed by fire alarm installation and testing, which will be completed by October 30, 2016. No impact to RSD.

Legend

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Critical Milestones and Issues

96 th Street Station (Contract 2B)				
Status	Critical Milestone	Target Date (Apr 2016)	Current Forecast Date	Potential Impact on Revenue Service Date
Green	Escalators Installation	6/30/2016	7/25/2016	Contractor received the escalator skins last week and is in the process of installing. This work will be completed by July 25, 2016. No impact to RSD.
Yellow	Elevators Installation	7/31/2016	7/31/2016	
Green	Tunnel Vent Fans Installation	5/31/2016	Completed 6/17/2016	
Green	HVAC Installation	5/31/2016	Completed 6/30/2016	
Yellow	Fire Life Safety Installation	5/31/2016	Completed 6/30/2016	
Yellow	Level 3-4 Testing (FIAT)	8/1/2016	8/30/2016	Late installation delayed Level 3-4 Testing. No impact to RSD.
Yellow	Level 5 Testing (SIT)	9/1/2016	9/30/2016	Late installation delayed Level 5 Testing. No impact to RSD.

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Critical Milestones and Issues

Systems (Contract 6)				
Status	Critical Milestone	Target Date (Apr 2016)	Current Forecast Date	Potential Impact on Revenue Service Date
 Red	Communication Systems Installation and Level 3-4 Testing (FIAT)	8/31/2016	9/30/2016	Stations contractors at 72 nd , 86 th , and 96 th Street did not complete the conduit installation for critical communications systems. This delay is impacting installation of wiring by the Systems contractor. Mitigation: <ul style="list-style-type: none"> Stations contractors added resources to complete the conduit installation. Systems contractor was directed as well to complete/correct the conduit installation. Systems contractor has been working two shifts at all stations with added resources. Conduit installation at 63 rd Street is completed and Level 3-4 Testing is ongoing. Potential impact to RSD.
 Red	Level 5 Testing (SIT)	9/30/2016	10/30/2016	Level 5 Testing will be complete on October 30, 2016, The delay is due to incomplete conduit installation by the station contractor. Potential impact to RSD.
 Red	Communication Systems Installation and Level 3-5 Testing (Police Radio)	10/15/2016	10/15/2016	Police Radio is scheduled for delivery mid-September and will be installed and tested by mid-October 2016. Potential impact to RSD.

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Critical Milestones and Issues

Systems (Contract 6)				
Status	Critical Milestone	Target Date (Apr 2016)	Current Forecast Date	Potential Impact on Revenue Service Date
 Green	Traction Power Energization	7/11/2016	8/30/2016	Delay due to slow progress by station contract in traction power sub-station at 72 nd Street. No impact to RSD.
 Green	Signal Work including 3-4 Testing (FIAT)	7/18/2016	Completed 7/11/2016	

Legend

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Summary of Critical Items

- Installation and testing of communication systems elements (Fire Alarm) are delayed because stations contractors have not completed required conduits. To mitigate the delay, systems contractor was directed to complete the remaining conduit installation.
- Level 3-4 testing for HVAC, TSSM, Fire suppression systems, elevators and escalators started slow due to delayed installation of these systems.
- To mitigate, we are working with the contractor and New York City Transit to prioritize testing needed for revenue training and Revenue Service.
- The latest schedule updates support the December 2016 RSD.