Muon Campus AIP

Change Request Form

CR#:BT010

1) DATE: 12/5/14	**2)WBS: BT1.04.01.01.03.02, BT1.04.01.03.02**	**3) Originator: Ken Domann** KAD

4) WBS Description of Primary Affected Tasks: Beamline CDA Magnet (F-17C Replacement) Construction (1), Beam Line Installation & Mechanical Implementation

5) Technical Description & Primary Motivation for Change: This change request revises the baseline dates for the fabrication of the CDA magnet to more accurately reflect the TD plan. In addition, the Beamline magnet installation baseline dates have been revised to reflect resource availabilities during the 2015 shutdown.

6) Assessment of Cost Impact (Use attachments if needed): See attached. Since all revised dates remained in the same FY, there is no impact to cost.

7) Assessment of Schedule Impact (Use attachments if needed): See attached. Revised dates still match shutdown requirements for 2015.

8) Secondary Impact & Other Comments: N/A

9) Approvals:

AIP Project Manager:		**Date:** 12/5/14
AIP Project Coordinator:		**Date:** 12/5/14
AD Div Director:		**Date:**
Directorate:		**Date:**

Beam Transport CR010 Baseline Date Changes

UID	WBS	CTC	Name	Previous Base St	Previous Base Fin	New Base St	New Base Fin
650	BT1.04.01.03.02.05.04	A1303.04.01.03	Survey crew stake out new magnet stands for HV100 MDC's	6/1/15	6/1/15	7/20/15	7/20/15
649	BT1.04.01.03.02.05.05	A1303.04.01.03	Installation oversight for HV100 MDC's	6/1/15	6/19/15	7/20/15	8/7/15
648	BT1.04.01.03.02.05.06	A1303.04.01.03	Magnet installation material for HV100 MDC's	6/1/15	6/5/15	7/1/15	7/8/15
647	BT1.04.01.03.02.05.07	A1303.04.01.03	Magnet and stand rigging for HV100 MDC's	6/15/15	6/26/15	8/3/15	8/14/15
646	BT1.04.01.03.02.05.08	A1303.04.01.03	Electricians terminate load cables for HV100 MDC's	6/29/15	6/30/15	8/17/15	8/18/15
645	BT1.04.01.03.02.05.09	A1303.04.01.03	Connect Vacuum pipe and other components for HV100 MDC's	6/29/15	8/3/15	8/17/15	9/4/15
644	BT1.04.01.03.02.05.10	A1303.04.01.03	Final vacuum work and reconnect HV100 MDC's	8/4/15	8/17/15	9/9/15	9/22/15
643	BT1.04.01.03.02.05.11	A1303.04.01.03	Algnment of HV100 MDC's	6/29/15	6/30/15	8/17/15	8/18/15
690	**BT1.04.01.03.02.06**		**HV 102 Dipole**	**12/1/14**	**8/17/15**	**4/17/15**	**9/22/15**
664	BT1.04.01.03.02.06.01	A1303.04.01.03	Procure magnet stands for HV102 dipoles	12/1/14	2/13/15	4/17/15	6/26/15
663	BT1.04.01.03.02.06.02	A1303.04.01.03	Final assembly of the HV102 stands	2/16/15	3/6/15	6/29/15	7/20/15
662	BT1.04.01.03.02.06.03	A1303.04.01.03	Prepare HV1002 EPB dipoles for removal	6/1/15	6/12/15	7/20/15	7/31/15
661	BT1.04.01.03.02.06.04	A1303.04.01.03	Survey crew stake out new magnet stands	6/1/15	6/1/15	7/20/15	7/20/15
660	BT1.04.01.03.02.06.05	A1303.04.01.03	Installation oversight for HV1002 MDC's	6/1/15	6/19/15	7/20/15	8/7/15
659	BT1.04.01.03.02.06.06	A1303.04.01.03	Magnet installation material	6/1/15	6/5/15	7/1/15	7/8/15
658	BT1.04.01.03.02.06.07	A1303.04.01.03	Magnet and stand rigging for HV102 MDC's	6/15/15	6/26/15	8/3/15	8/14/15
657	BT1.04.01.03.02.06.08	A1303.04.01.03	Electricians terminate load cables	6/29/15	6/30/15	8/17/15	8/18/15
656	BT1.04.01.03.02.06.09	A1303.04.01.03	Connect Vacuum pipe and other components	6/29/15	8/3/15	8/17/15	9/4/15
655	BT1.04.01.03.02.06.10	A1303.04.01.03	Final vacuum work and reconnect magnet	8/4/15	8/17/15	9/9/15	9/22/15
654	BT1.04.01.03.02.06.11	A1303.04.01.03	Algnment of HV102 MDC's	6/29/15	6/30/15	8/17/15	8/18/15
691	**BT1.04.01.03.02.07**		**Trim Dipoles**	**1/6/15**	**7/28/15**	**5/22/15**	**9/16/15**
673	BT1.04.01.03.02.07.01	A1303.04.01.03	Procure magnet stands for trim dipoles	1/6/15	3/17/15	5/22/15	8/3/15
672	BT1.04.01.03.02.07.02	A1303.04.01.03	Final assembly of the trim stand	3/18/15	3/31/15	8/4/15	8/17/15
671	BT1.04.01.03.02.07.03	A1303.04.01.03	Prepare old trim dipoles for removal	6/1/15	6/5/15	8/3/15	8/7/15
670	BT1.04.01.03.02.07.04	A1303.04.01.03	Survey crew stake out new magnet stands	6/1/15	6/1/15	8/3/15	8/3/15
669	BT1.04.01.03.02.07.05	A1303.04.01.03	Installation oversight for new trims	6/1/15	6/12/15	8/3/15	8/14/15
668	BT1.04.01.03.02.07.06	A1303.04.01.03	Trim magnet installation material	6/1/15	6/5/15	7/1/15	7/8/15
667	BT1.04.01.03.02.07.07	A1303.04.01.03	Magnet and stand rigging for two trims	6/11/15	6/17/15	8/18/15	8/24/15
666	BT1.04.01.03.02.07.08	A1303.04.01.03	Final vacuum work and reconnect magnet	7/21/15	7/28/15	9/9/15	9/16/15
665	BT1.04.01.03.02.07.09	A1303.04.01.03	Algnment of VT101 and HT105 trims	6/18/15	6/19/15	8/25/15	8/26/15
692	**BT1.04.01.03.02.08**		**Upstream M3**	**1/6/15**	**8/20/15**	**2/18/15**	**9/18/15**
684	BT1.04.01.03.02.08.01	A1303.04.01.03	Procure magnet hangers for upstream M3	1/6/15	3/17/15	2/18/15	4/28/15
683	BT1.04.01.03.02.08.02	A1303.04.01.03	Final assembly of the upstream M3 hanger	3/18/15	3/31/15	4/29/15	5/12/15
682	BT1.04.01.03.02.08.03	A1303.04.01.03	Prepare upstream M3 components	6/1/15	6/12/15	7/21/15	8/3/15
681	BT1.04.01.03.02.08.04	A1303.04.01.03	Survey crew stake out new magnet stand	6/1/15	6/1/15	7/23/15	7/23/15
680	BT1.04.01.03.02.08.05	A1303.04.01.03	Installation oversight for upstream M3	6/1/15	6/26/15	7/23/15	8/19/15
679	BT1.04.01.03.02.08.06	A1303.04.01.03	Magnet installation material	6/1/15	6/5/15	7/1/15	7/8/15
678	BT1.04.01.03.02.08.07	A1303.04.01.03	Magnet and stand rigging for upstream M3	6/15/15	7/6/15	8/4/15	8/24/15
677	BT1.04.01.03.02.08.08	A1303.04.01.03	Electricians terminate load cables	7/7/15	7/8/15	8/25/15	8/26/15
676	BT1.04.01.03.02.08.09	A1303.04.01.03	Connect Vacuum pipe and other components	7/7/15	8/10/15	8/25/15	9/8/15
675	BT1.04.01.03.02.08.10	A1303.04.01.03	Final vacuum work and reconnect magnet	8/11/15	8/20/15	9/9/15	9/18/15
674	BT1.04.01.03.02.08.11	A1303.04.01.03	Algnment of upstream M3 components	7/7/15	7/9/15	8/25/15	8/27/15
740	BT1.04.01.03.03		Beam Line Installation Complete	8/20/15	8/20/15	9/22/15	9/22/15

Beam Transport CR010 Baseline Date Changes

UID	WBS	CTC	Name	Previous Base St	Previous Base Fin	New Base St	New Base Fin
118	**BT1.04.01.01.03**	**A1303.04.01.01.03**	**Beamline CDA Magnet (F-17C Replacement)**	**8/1/14**	**4/10/15**	**8/1/14**	**7/14/15**
719	**BT1.04.01.01.03.02**		**Beamline CDA Magnet (F-17C Replacement) Construction (1)**	**11/4/14**	**4/10/15**	**2/12/15**	**7/14/15**
161	BT1.04.01.01.03.02.01		CDA Magnet Identify/Assess Units Complete	11/4/14	11/4/14	2/12/15	2/12/15
545	BT1.04.01.01.03.02.02		CDA Magnet Procurement Complete	12/11/14	12/11/14	3/19/15	3/19/15
162	BT1.04.01.01.03.02.03		CDA Magnet Refurbish Complete	3/12/15	3/12/15	6/12/15	6/12/15
163	BT1.04.01.01.03.02.04		CDA Magnet Testing Complete	4/9/15	4/9/15	7/13/15	7/13/15
756	BT1.04.01.01.03.02.10	A1303.04.01.01.03	TD Deliver CDA Magnet to AIP	4/10/15	4/10/15	7/14/15	7/14/15
738	BT1.04.01.01.04		Beamline Magnets Complete	7/20/15	7/20/15	9/8/15	9/8/15
17	**BT1.04.01.03**	**A1303.04.01.03**	**Beam Line Installation & Mechanical**	**6/2/14**	**8/20/15**	**6/30/14**	**9/22/15**
605	**BT1.04.01.03.02**		**Beam Line Installation & Mechanical Implementation**	**7/8/14**	**8/20/15**	**2/16/15**	**9/22/15**
685	**BT1.04.01.03.02.01**		**V714 B-2 Magnet**	**7/8/14**	**8/4/15**	**2/16/15**	**8/3/15**
616	BT1.04.01.03.02.01.01	A1303.04.01.03	Engineering oversight	7/8/14	12/29/14	3/12/15	7/31/15
615	BT1.04.01.03.02.01.02	A1303.04.01.03	Procure magnet stand for V714 B-2 magnet	1/12/15	3/9/15	2/16/15	4/10/15
614	BT1.04.01.03.02.01.03	A1303.04.01.03	Final assembly of V714 B-2 magnet stand	3/10/15	4/13/15	4/13/15	5/15/15
613	BT1.04.01.03.02.01.04	A1303.04.01.03	Prepare V714 C-Magnet for removal	7/10/15	7/16/15	7/6/15	7/10/15
612	BT1.04.01.03.02.01.05	A1303.04.01.03	Survey crew stake out of new magnet stands	6/1/15	6/1/15	7/6/15	7/6/15
611	BT1.04.01.03.02.01.06	A1303.04.01.03	Installation oversight and vacuum install	6/1/15	6/19/15	7/6/15	7/24/15
610	BT1.04.01.03.02.01.07	A1303.04.01.03	Magnet installation material	6/1/15	6/19/15	6/24/15	7/15/15
609	BT1.04.01.03.02.01.08	A1303.04.01.03	Magnet and stand rigging	7/17/15	7/23/15	7/16/15	7/22/15
608	BT1.04.01.03.02.01.09	A1303.04.01.03	Alignment of B-2 dipole	7/24/15	7/27/15	7/23/15	7/24/15
607	BT1.04.01.03.02.01.10	A1303.04.01.03	Electricians reterminate load cables	7/24/15	7/24/15	7/23/15	7/23/15
606	BT1.04.01.03.02.01.11	A1303.04.01.03	Final vacuum work and reconnect magnet	7/24/15	8/4/15	7/23/15	8/3/15
686	**BT1.04.01.03.02.02**		**F-0 Lambertsons**	**6/1/15**	**7/31/15**	**7/6/15**	**9/3/15**
623	BT1.04.01.03.02.02.01	A1303.04.01.03	Prepare F-0 lambertsons for removal	6/1/15	6/5/15	7/6/15	7/10/15
622	BT1.04.01.03.02.02.02	A1303.04.01.03	Load cable disconnection	6/8/15	6/9/15	7/13/15	7/14/15
621	BT1.04.01.03.02.02.03	A1303.04.01.03	Installation oversight	6/1/15	6/12/15	7/6/15	7/17/15
620	BT1.04.01.03.02.02.04	A1303.04.01.03	Magnet and stand rigging	6/10/15	6/16/15	7/15/15	7/21/15
619	BT1.04.01.03.02.02.05	A1303.04.01.03	Connect Vacuum pipe and other components	6/17/15	7/22/15	7/22/15	8/25/15
618	BT1.04.01.03.02.02.06	A1303.04.01.03	Final vacuum work	7/23/15	7/29/15	8/26/15	9/1/15
617	BT1.04.01.03.02.02.07	A1303.04.01.03	Alignment of F-0 beam pipe	7/30/15	7/31/15	9/2/15	9/3/15
688	**BT1.04.01.03.02.04**		**F-17 CDA**	**11/4/14**	**7/31/15**	**4/20/15**	**9/18/15**
642	BT1.04.01.03.02.04.01	A1303.04.01.03	Procure magnet stands for F-17 CDA	11/4/14	1/21/15	4/20/15	6/29/15
641	BT1.04.01.03.02.04.02	A1303.04.01.03	Final assembly of the F-17 CDA stands	1/22/15	2/4/15	6/30/15	7/14/15
640	BT1.04.01.03.02.04.03	A1303.04.01.03	Prepare F-17 C-Magnets for removal	6/1/15	6/12/15	7/20/15	7/31/15
639	BT1.04.01.03.02.04.04	A1303.04.01.03	Survey crew stake out new magnet stands for F-17 CDA Magnets	6/1/15	6/1/15	7/20/15	7/20/15
638	BT1.04.01.03.02.04.05	A1303.04.01.03	Installation oversight for F-17 CDA	6/1/15	6/12/15	7/20/15	7/31/15
637	BT1.04.01.03.02.04.06	A1303.04.01.03	F-17 CDA Magnet installation material	6/1/15	6/5/15	7/1/15	7/8/15
636	BT1.04.01.03.02.04.07	A1303.04.01.03	Magnet and stand rigging for F-17 CDA	6/15/15	6/19/15	8/3/15	8/7/15
635	BT1.04.01.03.02.04.08	A1303.04.01.03	Electricians terminate load cables for F-17 CDA Magnets	6/22/15	6/23/15	8/10/15	8/11/15
634	BT1.04.01.03.02.04.09	A1303.04.01.03	Connect Vacuum pipe and other components for F-17 CDA Magnets	6/22/15	7/27/15	8/10/15	9/14/15
633	BT1.04.01.03.02.04.10	A1303.04.01.03	Final vacuum work and reconnect F-17 CDA magnets	7/28/15	7/31/15	9/15/15	9/18/15
632	BT1.04.01.03.02.04.11	A1303.04.01.03	Alignment of F-17 CDA	6/22/15	6/23/15	8/10/15	8/11/15
689	**BT1.04.01.03.02.05**		**HV 100 Dipoles**	**12/1/14**	**8/17/15**	**4/17/15**	**9/22/15**
653	BT1.04.01.03.02.05.01	A1303.04.01.03	Procure magnet hangers for HV100 dipoles	12/1/14	2/13/15	4/17/15	6/26/15
652	BT1.04.01.03.02.05.02	A1303.04.01.03	Final assembly of the HV100 hanger	2/16/15	3/6/15	6/29/15	7/20/15
651	BT1.04.01.03.02.05.03	A1303.04.01.03	Prepare HV100 EPB dipoles for removal	6/1/15	6/12/15	7/20/15	7/31/15

Beam Transport Post CR010 CAP

Control Account		FY12	FY13	FY14	FY15	FY16	Cumulative
A1303.01.02.01 Project Management Oversight FY13							
	Scheduled	0.00	56,415.81	0.00	0.00	0.00	56,415.81
A1303.01.02.02 Project Management Oversight FY14							
	Scheduled	0.00	0.00	139,404.50	0.00	0.00	139,404.50
A1303.01.02.03 Project Management Oversight FY15							
	Scheduled	0.00	0.00	3,062.52	118,198.79	0.00	121,261.31
A1303.01.02.04 Project Management Oversight FY16							
	Scheduled	0.00	0.00	0.00	2,374.71	32,250.72	34,625.44
A1303.02.01 Beam Transport Lambertson (MLAW) Magnet							
	Scheduled	0.00	0.00	295,983.41	0.00	0.00	295,983.41
A1303.02.02.01 Beam Transport Extraction Kicker Magnets (RKB 2)							
	Scheduled	0.00	6,218.93	163,023.76	0.00	0.00	169,242.68
A1303.02.02.02 Beam Transport Extraction Kicker Power Supplies							
	Scheduled	0.00	0.00	32,213.32	348,017.93	77,491.50	457,722.76
A1303.02.02.03 Beam Transport Kicker Loads & Cooling System							
	Scheduled	0.00	6,218.93	389,354.87	33,663.44	0.00	429,237.24
A1303.02.02.04 Beam Transport Recycler Ring Extraction Insert Installa							
	Scheduled	0.00	0.00	426,269.95	177,816.02	195,210.80	799,296.77
A1303.03.01.01 RR to P1 Vertical Bending Dipole ADCW (1)							
	Scheduled	0.00	0.00	24,275.42	0.00	0.00	24,275.42
A1303.03.01.02 RR to P1 Permanent Magnets RQA (4)							
	Scheduled	0.00	0.00	0.00	58,902.55	0.00	58,902.55
A1303.03.01.03 RR to P1 Trim Quad STQB (4+1)							
	Scheduled	0.00	0.00	159,220.31	0.00	0.00	159,220.31
A1303.03.01.05 RR to P1 Vertical Dipole Correctors (1+1)							
	Scheduled	0.00	0.00	8,653.56	0.00	0.00	8,653.56
A1303.03.02.01 RR to P1 Lambertson PS							
	Scheduled	0.00	0.00	50,020.25	10,489.67	0.00	60,509.92
A1303.03.02.02 RR to P1 Vertical Magnet PS							
	Scheduled	0.00	0.00	50,020.25	10,489.67	0.00	60,509.92
A1303.03.02.03 RR to P1 Trim Dipole PS(2)							
	Scheduled	0.00	0.00	26,087.02	0.00	0.00	26,087.02
A1303.03.02.04 RR to P1 Trim Quad PS(4)							
	Scheduled	0.00	0.00	30,932.88	0.00	0.00	30,932.88
A1303.03.03 Beam Transport RR to P1 Instrumentation							
	Scheduled	0.00	0.00	0.00	264,774.05	0.00	264,774.05
A1303.03.04 Beam Transport RR to P1 Installation							
	Scheduled	0.00	0.00	0.00	456,427.59	0.00	456,427.59
A1303.04.01.01.01 Beamline B2 Dipole Magnet (1) (V714 Replacement)							
	Scheduled	0.00	0.00	39,771.00	9,730.06	0.00	49,501.06
A1303.04.01.01.02 Beamline Existing Magnets to be Repurposed							
	Scheduled	0.00	0.00	5,094.81	15,337.52	0.00	20,432.33
A1303.04.01.01.03 Beamline CDA Magnet (F-17C Replacement)							
	Scheduled	0.00	0.00	1,170.09	41,543.02	0.00	42,713.11
A1303.04.01.02 Beamline PS							
	Scheduled	0.00	0.00	10,704.52	201,951.80	5,248.53	217,904.85
A1303.04.01.03 Beam Line Installation & Mechanical							
	Scheduled	0.00	0.00	83,830.87	369,570.09	0.00	453,400.96
A1303.04.01.04 RR to AP-0 Target Station and RR to M3 Line optics							
	Scheduled	0.00	0.00	67,641.57	0.00	0.00	67,641.57
A1303.04.02 Beam Transport Electrical Infrastructure							
	Scheduled	0.00	0.00	10,433.98	169,962.38	0.00	180,396.36
A1303.04.03 Beamline Instrumentation & Controls							
	Scheduled	0.00	0.00	81,699.13	478,081.35	0.00	559,780.48
Grand Total							
	Scheduled	0.00	68,853.67	2,098,868.00	2,767,330.64	310,201.55	5,245,253.85

Beam Transport Pre CR010 CAP

Control Account		FY12	FY13	FY14	FY15	FY16	Cumulative
A1303.01.02.01 Project Management Oversight FY13							
	Scheduled	0.00	56,415.81	0.00	0.00	0.00	56,415.81
A1303.01.02.02 Project Management Oversight FY14							
	Scheduled	0.00	0.00	139,404.50	0.00	0.00	139,404.50
A1303.01.02.03 Project Management Oversight FY15							
	Scheduled	0.00	0.00	3,062.52	118,198.79	0.00	121,261.31
A1303.01.02.04 Project Management Oversight FY16							
	Scheduled	0.00	0.00	0.00	2,374.71	32,250.72	34,625.44
A1303.02.01 Beam Transport Lambertson (MLAW) Magnet							
	Scheduled	0.00	0.00	295,983.41	0.00	0.00	295,983.41
A1303.02.02.01 Beam Transport Extraction Kicker Magnets (RKB 2)							
	Scheduled	0.00	6,218.93	163,023.76	0.00	0.00	169,242.68
A1303.02.02.02 Beam Transport Extraction Kicker Power Supplies							
	Scheduled	0.00	0.00	32,213.32	348,017.93	77,491.50	457,722.76
A1303.02.02.03 Beam Transport Kicker Loads & Cooling System							
	Scheduled	0.00	6,218.93	389,354.87	33,663.44	0.00	429,237.24
A1303.02.02.04 Beam Transport Recycler Ring Extraction Insert Installa							
	Scheduled	0.00	0.00	426,269.95	177,816.02	195,210.80	799,296.77
A1303.03.01.01 RR to P1 Vertical Bending Dipole ADCW (1)							
	Scheduled	0.00	0.00	24,275.42	0.00	0.00	24,275.42
A1303.03.01.02 RR to P1 Permanent Magnets RQA (4)							
	Scheduled	0.00	0.00	0.00	58,902.55	0.00	58,902.55
A1303.03.01.03 RR to P1 Trim Quad STQB (4+1)							
	Scheduled	0.00	0.00	159,220.31	0.00	0.00	159,220.31
A1303.03.01.05 RR to P1 Vertical Dipole Correctors (1+1)							
	Scheduled	0.00	0.00	8,653.56	0.00	0.00	8,653.56
A1303.03.02.01 RR to P1 Lambertson PS							
	Scheduled	0.00	0.00	50,020.25	10,489.67	0.00	60,509.92
A1303.03.02.02 RR to P1 Vertical Magnet PS							
	Scheduled	0.00	0.00	50,020.25	10,489.67	0.00	60,509.92
A1303.03.02.03 RR to P1 Trim Dipole PS(2)							
	Scheduled	0.00	0.00	26,087.02	0.00	0.00	26,087.02
A1303.03.02.04 RR to P1 Trim Quad PS(4)							
	Scheduled	0.00	0.00	30,932.88	0.00	0.00	30,932.88
A1303.03.03 Beam Transport RR to P1 Instrumentation							
	Scheduled	0.00	0.00	0.00	264,774.05	0.00	264,774.05
A1303.03.04 Beam Transport RR to P1 Installation							
	Scheduled	0.00	0.00	0.00	456,427.59	0.00	456,427.59
A1303.04.01.01.01 Beamline B2 Dipole Magnet (1) (V714 Replacement)							
	Scheduled	0.00	0.00	39,771.00	9,730.06	0.00	49,501.06
A1303.04.01.01.02 Beamline Existing Magnets to be Repurposed							
	Scheduled	0.00	0.00	5,094.81	15,337.52	0.00	20,432.33
A1303.04.01.01.03 Beamline CDA Magnet (F-17C Replacement)							
	Scheduled	0.00	0.00	1,170.09	41,543.02	0.00	42,713.11
A1303.04.01.02 Beamline PS							
	Scheduled	0.00	0.00	10,704.52	201,951.80	5,248.53	217,904.85
A1303.04.01.03 Beam Line Installation & Mechanical							
	Scheduled	0.00	0.00	83,830.87	369,570.09	0.00	453,400.96
A1303.04.01.04 RR to AP-0 Target Station and RR to M3 Line optics							
	Scheduled	0.00	0.00	67,641.57	0.00	0.00	67,641.57
A1303.04.02 Beam Transport Electrical Infrastructure							
	Scheduled	0.00	0.00	10,433.98	169,962.38	0.00	180,396.36
A1303.04.03 Beamline Instrumentation & Controls							
	Scheduled	0.00	0.00	81,699.13	478,081.35	0.00	559,780.48
Grand Total							
	Scheduled	0.00	68,853.67	2,098,868.00	2,767,330.64	310,201.55	5,245,253.85