



Muon Campus AIP

Change Request Form

CR#: BT003

1) DATE: 2/5/14 2) WBS: BT1.04.01.04 3) Originator: Ken Domann *KAD 2/5/14*

4) WBS Description of Primary Affected Tasks: RR to AP-0 Target Station and RR to M3 Line optics

5) **Technical Description & Primary Motivation for Change:** This optics work will tie together several different Muon Campus upgrades that span several areas and projects. The RR to P1 beamline stub and P1/P2/AP-1 aperture improvements on the BT AIP need to mesh seamlessly with the AP-1 Final Focus optics of the g-2 project and the M1/M3 optics of the Mu2e project. This optics work will ensure that the individual optics components will work together as a unit. See attachment #1 for detail budget change information.

6) **Assessment of Cost Impact (Use attachments if needed):** See attachment #1 for budget impact.

7) **Assessment of Schedule Impact (Use attachments if needed):** There are no schedule impacts in this change.

8) **Secondary Impact & Other Comments:** N/A

9) Approvals:
AIP Project Manager: *James P. Meyer* Date: 2/5/14
AIP Project Coordinator: *Mary C. [Signature]* Date: 2/5/14
AD Div Director: _____ Date: _____
Directorate: _____ Date: _____

Beam Transport CR#003 Budget Change

WBS	Name	Dur	Start	Finish	Esc SWF	Esc M&S	Indirects	Total Budget Change	Comments
BT1.04.01.04	RR to AP-0 Target Station and RR to M3 Line optics	40 d	2/6/14	4/2/14	\$34,271	\$0	\$33,370	\$67,642	New CTC
BT1.04.01.04.01	CR# BT003 Budget Approval	0 d	2/6/14	2/6/14	\$0	\$0	\$0	\$0	New activity
BT1.04.01.04.02	Create comprehensive optics plan for P1 to AP-0 Target and P1 to M3 Line	25 d	2/6/14	3/12/14	\$7,430	\$0	\$7,234	\$14,664	New activity
BT1.04.01.04.03	Integrate upstream optics into M1 Final Focus for g-2	30 d	2/6/14	3/19/14	\$9,287	\$0	\$9,043	\$18,330	New activity
BT1.04.01.04.04	Integrate upstream optics into upstream M3 for 8 GeV operation to Mu2e	40 d	2/6/14	4/2/14	\$13,002	\$0	\$12,660	\$25,662	New activity
BT1.04.01.04.05	Review of RR to Muon Campus beamlines	30 d	2/6/14	3/19/14	\$4,553	\$0	\$4,433	\$8,986	New activity