



Illustration by Elastico Disegno

Metro North Inspection Train

PROJECT TEAM: Cesar Vergara, National Principal Design, Jacobs (2003-2009)
Jacobs (London)
Elastico Disegno (Turin, Italy)

CLIENT: Metro North Railroad

COMPLETION DATE: 2008 (ongoing)

Metro North Railroad operates an inspection train consisting of two vintage Heritage cars that once were part of the famous *Phoebe Snow* train. Designated MNR-1 and MNR-2, these cars have served Metro North well, but are difficult to maintain and operate. Metro North turned to CESAR VERGARA in 2007 to generate a concept for a three-car consist. After input was gathered from all departments that would use and operate the inspection train, three Bombardier coaches were identified and criteria were identified through extensive research to conceptualize the cars.

The concept called for the F end of the end cars to serve as theater-style seating observation cars and meeting cars complete with a conference room. In both F ends the drivers cab is maintained allowing for push pull operation of the consist. The original 2008 concept called for an extra row of windows and a hand hold installed in the tapping plates of the baggage rack, which would be eliminated, with a food service car in the middle. CESAR VERGARA worked with Jacobs' London office to produce an animation presentation of the design concept.

In 2009 the Inspection Train concept was re-cast in a reduced two car version that eliminates booths, conference room as well as the second row of windows.



