



Brookville Streamlined Locomotive

PROJECT TEAM: Cesar Vergara, National Principal Design, Jacobs (2003-2009)
Brookville Equipment Corp., Vehicle Engineering (Brookville, PA)
Elastico Disegno (Turin, Italy)

CLIENT: Brookville Equipment Corp.

COMPLETION DATE: 2009

Brookville Equipment Corporation supplies locomotives used by Metro North Railroad to power commuter trains along its non-electrified lines. The success of these units prompted Brookville to configure a streamlined carbody for the units.

Brookville engaged CESAR VERGARA to provide a design concept for the streamlined locomotive. By working directly with the engineering staff at Brookville, CESAR VERGARA produced a design based on a cross-section that Brookville had already established. The design carries the three facets to a simple, functional and elegant slope to the front. The locomotive's all-steel design allows for the use of flat stock shaped in sections of cylinders and cones, thereby avoiding the application of FRP in the front, yielding a sophisticated, contemporary appearance that is easily maintained.

