

Lincoln Center

President's Bridge at Lincoln Center Fact Sheet

OVERVIEW

Project Description: The President's Bridge, named in honor of Lincoln Center President Reynold Levy, spans West 65th St., Lincoln Center's Street of the Arts. It connects the south side of Lincoln Center's campus, which houses the Metropolitan Opera House, Avery Fisher Hall, the David H. Koch Theater, Lincoln Center Theater, Josie Robertson Plaza, Revson Fountain, Lincoln Ristorante, and green spaces with the north side of Lincoln Center's campus, which houses The Juilliard School, the School of American Ballet, the Rose Building, Walter Reade Theater, and Alice Tully Hall. Closely following the 2012 opening of Lincoln Center Theater's Claire Tow Theater, the bridge marks the completion of Lincoln Center's multi-year \$1.2 billion redevelopment project.

Location: Mid-block on West 65th St. between Broadway and Amsterdam

Design: Diller Scofidio + Renfro

Consultants: Dewhurst Macfarlane and Partners PC – Structural Engineering
Plumb Excel Group Engineering PC - Electrical/Plumbing Engineering
James R. Gainfort Consulting Architects - Waterproofing Consultant
Tillotson Design associates – Lighting
Owen Steel - Fabricator

Details: The bridge weighs 58 tons and the span is approximately 83 feet. The typical bridge height is 5 feet 6 inches. The main structural member spanning the street, essentially a box girder, disguises itself as the guardrail on the west side, which permits the bridge underside to appear virtually flat.

The external 'skin' of the bridge is the primary load bearing structure, composed of flat steel plates varying in thickness between 1/2" and 1", continuously welded together. Helping to tie the plates together are internal stiffener plates in a waffle-like pattern between 1/4" – 3/8". The glass is 13/16" thick laminated and tempered glazing. The bridge steel is a high strength, low alloy grade that is commonly used with bridge construction and is protected with 4 coats of high performance paint.