

**BRIGHTLINE CASE STUDY
NEO-METRO and DYSON
SOUTHEAST FLORIDA
2018**



Fort Lauderdale Brightline Station / Image courtesy of Brightline



West Palm Beach Brightline Station & Train / Image courtesy of Brightline



Neo-Metro Edge Basin and Dyson Airblade Tap hand dryer

WHAT:

Brightline, a state-of-the-art, high-speed passenger rail train, recently unveiled Miami Central, an 11-acre intermodal development in downtown Miami in the spring of 2018. Serving major cities of South Florida, Miami, Fort Lauderdale, West Palm Beach with plans to extend to Orlando, the train provides Florida residents as well as domestic and international tourists and visitors a modern, comfortable and business conducive transportation alternative. Owned by Florida East Coast Industries (FECI), it is the only privately owned, operated and privately maintained passenger rail system in the United States. The goal behind the Brightline experience is to ease congestion in Florida's busy highways and interstates, decrease the stress caused by driving and traffic and encourage travels and residents to explore and experience more of Florida.

ARCHITECTS:

Skidmore Owings and Merrill, LLP (SOM)

ARCHITECTS OF RECORD and ARCHITECTURAL PLANNING:

Zyscovich Architects

INTERIORS:

Rockwell Group

CONTRACTORS:

Moss Construction, Fort Lauderdale and West Palm Beach Brightline Stations

Suffolk Construction, Miami Central Brightline Station

RESTROOMS:

Neo-Metro Edge Basins and Dyson Airblade Tap hand dryer faucets were sourced for the restrooms that service all of the Brightline train stations, which are located in Miami, Fort Lauderdale and West Palm Beach and serve to connect these cities easily and quickly from North to South.

With major global architects Skidmore Owings and Merrill, LLP (SOM) and Zyscovich involved in the design and planning process, Rockwell Group responsible for interiors, and with Brightline's overall brand directive that the train and facilities remain hospitality-focused, the restrooms and station similarly follow suit.

Eric Claussen, Vice President, Design and Construction Manager and who served as overall project manager for each station mentions, "Brightline is a forward-thinking contemporary brand, and we attempt to elevate and outfit our stations in the best way whenever possible. Neo-Metro and Dyson complement this vision very well and allow for broad accessibility to all visitors who use our trains and facilities."

Each Brightline station features a minimum of three Restrooms per station: one women's restroom, one men's restroom, one family restroom. Built by Moss Construction, the Fort Lauderdale and West Palm Beach Stations additionally boast restrooms in the concourse with larger Neo-Metro Edge Basins in the men's and women's restrooms, each of which are outfitted with four Dyson Airblade Tap hand dryer Faucets, additional Neo-Metro Basin and Dyson Taps in the ADA-stall as well as basins and taps in the family restroom. These stations were completed in mid-2017 and introductory passenger service between Fort Lauderdale and West Palm Beach began in January 2018.

Built by Suffolk Construction, Miami Central is outfitted with one set of restrooms on the Ground Floor, one women's restroom, one men's restroom, one family restroom. The mezzanine level features two sets of restrooms with the Women's room outfitted with nine Neo-Metro Edge Basins in the men's and women's restrooms, each of which are outfitted with nine Dyson Airblade Tap hand dryer faucets, additional Neo-Metro Basins and Dyson Taps in the ADA-stall and one family restroom outfitted with one Neo-Metro Basin and Dyson Tap, bringing the total basin count to 11.

Stations are large and expansive—with Fort Lauderdale and West Palm Beach interiors measuring 60,000 square feet each, inclusive of station and platform. Miami is even larger—a complex in excess of three million square feet as well as 180,000 square feet of retail and food and beverage on site.

WHY NEO-METRO:

With passengers, visitors and guests and employees, Brightline stations function as compact mini-metropolises. Similar to classic train stations, restrooms are a key component. However, unlike traditional spaces, these high-tech restrooms had to meet standards that accommodate all visitors,

ADA-requirements and help to move guests quickly from the restroom to their trains or to their awaiting vehicles or additional transportation modes upon arrival.

Neo-Metro's manufacturing and capabilities assure a single-source solution for basin products. Edge basins are made for one piece of solid surface that extends approximately from 30 to 188 inches depending on the size of the restroom. The look is expansive and attractive and there are no seams in the material. Also, the plumbing fixtures are hidden underneath with any exposed pipes, allowing for ease of cleaning and minimal tampering or hindrance to plumbing. In addition to providing space for washing, the family restrooms also accommodate space for a changing table.

Making sure that water stays as close to basins and remained in bowl during the drying process were main attributes in selecting both products. Also key for both products, was their proven durability and consistent functioning, and a well-designed, contemporary aesthetic. Plus, the Neo-Metro Edge surface is smooth and easy to clean and resists scratches. With less risk of overflow and spillage on floors and guests drying hands in sinks, this means that there is little likelihood of slip and falls on floors and in bathrooms as well.

Restrooms are outfitted with paper towels, as some visitors will gravitate and use paper, especially families. However, with the installation of the Dyson Airblade Tap hand dryer faucets, the use of paper towels is lessened considerably and, bringing with it, less refuse and garbage in the restrooms.

With stations open seven days a week, having sustainable, highly functioning and operational restrooms is a major component to the success of the Brightline experience. With plans in 2019 to connect Miami Central to the city's commuter rail platforms, greater demand will be placed on the facilities as a larger number of daily visitors is anticipated.

Thus, selection of Neo-Metro Edge Basins and Dyson Airblade Tap hand dryer faucets will be critical to the long-term success and viability of these public spaces in the future as the Brightline becomes a more sought-after alternative to driving