



Award of

MERIT

Korean War Veterans Memorial Bridge

Nashville, TN

Domingo Gonzalez Associates

Domingo Gonzalez, Nancy Lok, Phat Quach

A mere 11 months – from concept to completion – saw the “Gateway” Bridge transformed, using lighting alone, into an icon of the city of Nashville. Choosing a wirelessly controlled, remotely accessible LED system was inevitable, given the energy savings, luminaire durability and versatility available. But determining the best option to replace the existing (and rather underwhelming) cable lighting, and to celebrate the structure as a whole, was far less obvious.

Despite the breakneck design and construction schedule, DGA evaluated multiple approaches for their visual impact; effect on structure; glare control; mitigation of light pollution; maintainability and, as a municipal project, adherence to budget. Lighting calculations performed during the design phase, and mock-ups undertaken during construction, bore out the validity of the final selection and smoothed construction.

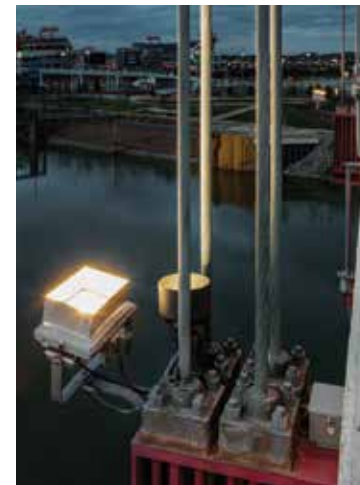
Today, deeply shielded arch washers are individually addressable, providing colorful celebrations of light for special occasions. Structure-mounted linear LEDs in 3000K set the scarlet deck girders aglow, while cable washers and land-based pole-mounted floodlights balance the bridge’s dynamic presence as Nashville’s “front door.”

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“Details could have been ignored, but weren’t”
—Lumen Judges