THE CHALLENGE

In a good-neighbor effort to shield nearby residents from noise emanating from their switching yard, our Customer enlisted Sound Fighter® Systems (SFS) to engineer and produce a sound wall to mitigate the unwanted noise emanating from one of their switching yards adjacent to a residential subdivision. Their objectives were two-fold:

I. Install a sound-absorptive noise barrier sufficiently tall to effectively minimize unwanted noise to nearby residents.
II. Install a sound-absorptive noise barrier that would be visually acceptable to the local community.

THE SOLUTION

Under the guidance of their Acoustical Engineer, Josh Wilson with McCormick-Taylor, the Customer decided to install an 18 ft tall barrier, and selected SFS to design and build it using their LSE® sound-absorptive noise barrier system. Additionally, SFS was able to incorporate an aesthetically-pleasing red brick beam design for every section, enabling the barrier to receive enthusiastic community approval.