

Noise Barrier Testing at Sarasota-Bradenton International Airport

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Sarasota-Bradenton International Airport recently constructed noise barriers to mitigate noise associated with a runway extension. Wyle performed an initial feasibility study for this barrier over ten years ago and followed through with designs and finally noise tests to demonstrate the effectiveness of the noise barriers. This presentation will focus on the complex noise barrier testing protocol established for this project in conjunction with representatives of the affected counties, as well as the measured insertion losses. The results will also be compared with the design predictions as well as output of the Environmental Noise Model using observed meteorological conditions.