

# **BRIDGE DEMOLITION WITHOUT DISRUPTION OF RAILROAD TRAFFIC A CASE HISTORY**

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## **ABSTRACT**

A bridge over a main line railroad system was scheduled for demolition. The bridge was made of reinforced concrete and spanned three mainline railroad tracks which could not be shut down due to blasting or demolition. To further complicate matters, the mainline tracks had high tension power lines running above the tracks, but below the bridge. These high tension wires provided the electricity for electrically powered trains. The tracks could not be damaged or disrupted, nor could the power line be broken.

The case history of this project including the planning and the execution of the blasting job to meet the ridged specifications are the topic of this paper.