



Case History

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Performance**

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**Specializing in:
Deep Foundations
Shoring Systems
Micro Piles**

Problem:

The bridge over I-465 at 96th Street in Indianapolis, Indiana was hit by a semi-tractor trailer and damaged beyond repair. The General Contractor elected to install a support system of soldier piles and timber lagging as the permanent support, for both abutments, with a cast-in-place concrete decorative facing.

Solution:

Helitech installed 32 grouted tendon tiebacks on a soldier pile and timber lagging retaining wall. A “through-pile” connection was used on the support wall, eliminating the need for a whaler. The grouted tendon tiebacks were installed to stabilize both abutments for the new bridge.

Result:

The entire project was completed in 10 working days. Each tieback was load tested as a requirement of INDOT specifications.



Helitech Memberships:

