

Behavior and Repair of Corroded Steel H-Piles – Phase I (Axial Behavior) Dataset

Dataset available at: <https://doi.org/10.32873/unl.dr.20190531>

(This dataset supports report **Behavior and Repair of Corroded Steel H-Piles – Phase I (Axial Behavior)**, http://matc.unl.edu/research/research_project.php?researchID=528)

This U.S. Department of Transportation-funded dataset is preserved by the Mid-America Transportation Center in the Mid-America Transportation Center Research Archive (http://matc.unl.edu/research/research_archive.php), and is available at <https://doi.org/10.32873/unl.dr.20190531>

The related final report **Behavior and Repair of Corroded Steel H-Piles – Phase I (Axial Behavior)**, is available from the National Transportation Library's Digital Repository at <https://rosap.ntl.bts.gov/view/dot/42394>

Metadata from the MATC Research Archive record:

Title: Behavior and Repair of Corroded Steel H-Piles - Phase I Dataset

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Organization: Mid-America Transportation Center

Sponsor: USDOT

Description: Strain gauge measurements on different piles at different cross sections.

Data Type: Dataset

Data Format: XLS

Keywords: Steel piles; H-piles; strain measurements; corrosion

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Dataset description:

This dataset contains 1 .zip file collection described below.

ElGawady Year 1 Dataset.zip:

This collection contains 12 .xlsx files. The files are numbered 01 to 12, followed by Strain_Gauges and a combination of [W00, W70, W70V] and [F00, F50, F50-00, F50C, F50_6, F50C_10%, F50_10%, 50C_30%] (eg. 05-Strain_Gauges_W70-F50-00). The .xlsx file is a Microsoft Excel file, which can be opened with Excel, and other free available software, such as OpenRefine

National Transportation Library (NTL) Curation Note:

As this dataset is preserved in a repository outside U.S. DOT control, as allowed by the U.S. DOT's Public Access Plan (<https://ntl.bts.gov/public-access>) Section 7.4.2 Data, the NTL staff has performed *NO* additional curation actions on this dataset. NTL staff last accessed this dataset at <https://doi.org/10.32873/unl.dr.20190531> on 2019-10-02. If, in the future, you have trouble accessing this dataset at the host repository, please email NTLDataCurator@dot.gov describing your problem. NTL staff will do its best to assist you at that time.