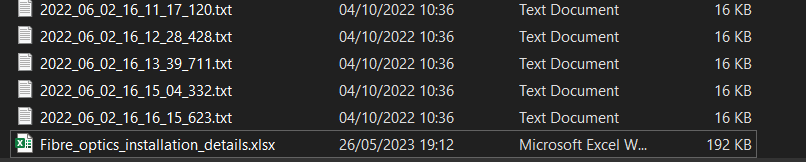
# Readme

The zip contains 2 folders. Fibre optic data and Forces\_deflections\_and\_cap\_rotations\_data.



## Fibre optic measurements data

The fibre optic data contains a folder with numerous txt files. The name of the file corresponds to the time when the fibre measurement is taken. The installation details of the fibres are provided in the excel file. 

Within the txt file, specific detail is provided for one measurement (see below). Most important is the time, the pile of interest (in this case R1P6) the wire of interest (label in this case N-Z ->North-South). The temperature is not measured leaving this column blank. Thus the strain values are 2040, 2009, 2038 …etc. micro strain.

Afbeelding met tekst, schermopname, Lettertype, document

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## Forces\_deflections\_caprotations\_data

This folder contains 5 excel folders and 1 pdf containing a manual of the experiment data.

On page 34 of the .pfd file ‘**Eindrapportage Monitoring proefbelasting v1.10.PDF’**, the sensor names, method and test are explained.

The **Prisma’s** file contains the location of the four prisms on top of the pile group during the experiments in XYZ direction. They are presented for experiment F1 on tab file 1 and F2 on tab file 2.

The **incline’s palen** file contain the inclination for each pile on various time stamps. They are presented for experiment F1 on tab file 1 and F2 on tab file 2.

The **Crack-sensoren** file contains the spacing between piles and steel frame for each pile. They are presented for experiment F1 on tab 1 and F2 on tab file 2.

The **vijzelslag** file contains the elongation of the hydraulic jacks during the experiments. They are presented for experiment F1 on tab 1 and F2 on tab file 2.

The **loadcellen** file contains the force of each pile cap during the experiments as function of time. They are presented for experiment F1 on tab 1 and F2 on tab file 2.

Afbeelding met tekst, schermopname, Lettertype

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An elaborated explanation of the layout of the experiments is provided in the dissertation.