

UNIVERSITAS INTERNASIONAL BATAM

*Faculty of Civil Engineering
Study Program Civil Engineering and Planning
Odd Semester 2019/2020*

BEARING CAPACITY AXIAL OF PILING FOUNDATION IN JETTY TRESTLE USING SPT DATA IN KABIL PORT DEVELOPMENT

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ABSTRACT

In the implementation of practical work this time carried out in the construction and development of the Kabil bulk port, this time the author can provide knowledge about the carrying capacity of the trestle foundation using existing SPT data, where the SPT data covers one of the progress of the design carried out in the project the port, for that required carrying capacity calculation on the foundation to be built above the surface of the land under the seabed, SPT sampling on Borhole 4 and 5 sample data aims to calculate the carrying capacity of existing foundations, the authors carry out practical work activities in CPO Kabil who is led by PT Jaya Multi Karya who was appointed as the main contractor, and PT Maju Bersama Jaya who was appointed as a Sub-Contractor, this practical work aims to assist the writer in analyzing a work done, especially in contact with the world of civil engineering , and writer can I haven't learned about the implementation of the erection in the kabil port project, especially in the trestle section itself, the authors carried out the 3 months of practical work carried out from 20 Juny 2019 to 20 September.

Keyword : foundation, trestle, erection, kabil bulk dock