

ABSTRAK

Judul: Evaluasi Daya Dukung dan Penurunan Pondasi Spun Pile pada Proyek Over Pass Parigi (JORR II), (Studi Kasus : Proyek Pembangunan Over Pass Parigi, Serpong) Nama: Dimas Putro Kuncahyo, NIM: 41112110071, Dosen Pembimbing: Dr. Ir. Pintor T. Simatupang, M.Eng, Tahun: 2018

Skripsi ini akan membahas tentang evaluasi daya dukung ujung, daya dukung selimut, dan daya dukung izin pada fondasi spun pile Over Pass Parigi JORR II. Untuk mendapatkan hasil analisa, penulis membandingkan hasil analisa berdasarkan beberapa rumus teori yang kemudian dibandingkan.

Kemudian analisa dilanjutkan dengan menghitung seberapa besar penurunan yang terjadi dari masing-masing tiang kelompok akibat beban-beban di atasnya.

Kata kunci: spun pile, daya dukung pondasi, penurunan fondasi



Title: Evaluation of Power Support and decrease in Foundation of Spun Pile at The Project Over Pass Parigi (JORR II), (case study: Project Construction Over Pass Parigi, Serpong) name: Dimas Putro Kuncahyo, NIM: 41112110071, lecturer of the supervisor: Dr. Ir. Pintor T. Simatupang, M. Eng, Year: 2018

In this thesis discusses about evaluation of end bearing capacity, skin friction capacity, and allowable bearing capacity on spun pile foundation of Over Pass Parigi JORR II. To get the results of that Analysis, the author compares the results of analysis based on some formula of the theory then compared.

Then proceed with the analysis calculates settlement from each pillar of the group due to the loads on it.

Key words: spun pile, allowable bearing capacity, settlement of foundation