

**FINAL ASSIGNMENT**

**DESIGN OF PAVEMENT USING BUTON NATURAL ROCK  
ASPHALT STABILIZED SUBGRADE SOIL**

**Proposed to Fulfill Academic Requirement For  
Civil Engineering Degree in Faculty  
of Engineering of UNISSULA**



**Drafted By:**

**LELY RIZKIYAWATI**

**NIM :30201203513**

**WILUJENG ASHRI NASTITI**

**NIM : 30201203625**

**CIVIL ENGINEERING DEPARTEMENT  
ENGINEERING FACULTY  
UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG  
2017**



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FAKULTAS TEKNIK**

Jalan Gajah Mada KM. 4 Pk. BUN 1054 Telp. (024) 8583384 Ext. 502 Semarang 50112

**APPROVAL PAGE**

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By:



**LELY RIZKIYAWATI**  
NIM : 30201203513



**WILUJENG ASHRI NASTITI**  
NIM : 30201203625

Have been agreed at, August , 2017

Supervisor

**Ir. Gatot Rasbintardjo, M. R. Eng. MSc., Ph.D**

Co - Supervisor

**Ir. H. Prabowo Setiawan, M.T., Ph.D**

Approved By,

Head of Civil Engineering Department, Engineering Faculty, UNISSULA



**Dr. Abdul Rochim, ST, MT**

## PERNYATAAN

Yang bertanda tangan di bawah ini :

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2. Wilujeng Ashri Nastiti ( 30201303625 )  
Jurusan : Teknik Sipil

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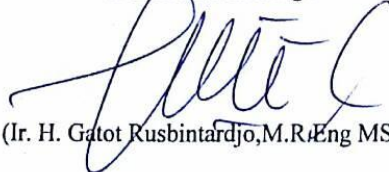


Wilujeng Ashri Nastiti

NIM . 30201303625

Disetujui :

Dosen Pembimbing I



(Ir. H. Gatot Rusbintardjo, M.R.Eng MSc., Ph.D)

Dosen Pembimbing II



( Ir. Prabowo Setiyawan, MT., Ph.D )

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NIM : 30201303625

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UNIVERSITAS ISLAM SULTAN AGUNG (UNISSULA)  
FAKULTAS TEKNIK**

Jalan Raya Kaligawe KM. 4 Po. BOX 1054 Telp.(024)6583584Ext.507 Semarang 50112

**BERITA ACARA BIMBINGAN TUGAS AKHIR**

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Pada hari ini, tanggal 9 Agustus 2017 berdasarkan Surat Keputusan Rektor Universitas Islam Sultan Agung (UNISSULA) Semarang perihal penunjukan Dosen Pembimbing I dan Dosen Pembimbing II:

1. Nama : Ir. H. Gatot Rusbintardjo, M.R.Eng.M.Sc.,Ph.D  
Jabatan Akademik : Dosen Perkerasan Jalan Raya  
Jabatan : Dosen Pembimbing I
2. Nama : Ir. H. Prabowo Setiyawan, MT, Ph.D  
Jabatan Akademik : Dekan Fakultas Teknik Sipil  
Jabatan : Dosen Pembimbing II

Dengan ini menyatakan bahwa Mahasiswa yang tersebut di bawah ini telah menyelesaikan bimbingan Tugas Akhir atau Skripsi:

1. Nama : Lely Rizkiyawati  
Nim : 30201303513
2. Nama : Wilujeng Ashri Nastiti  
Nim : 30201303625  
Jurusan : Teknik Sipil  
Judul : "Design of Pavement Using Buton Natural Rock Asphalt Stabilized Subgrade Soil"

Dengan tahapan sebagai berikut:

No.	Tahapan	Tanggal	Keterangan
1	Penunjukan Dosen Pembimbing	15 Maret 2017	-
2	Pengumpulan Data	22 Maret 2017	-
3	Penyusunan Laporan	3 Mei 2017	-
4	Selesai Laporan	8 Agustus 2017	-
5	Seminar Tugas Akhir	21 Agustus 2017	ACC

Demikian Berita Acara Bimbingan Tugas Akhir atau Skripsi ini dibuat untuk diketahui dan dipergunakan seperlunya oleh pihak-pihak yang berkepentingan.

Dosen Pembimbing I

(Ir. H. Gatot Rusbintardjo, M.R.Eng.Sc.,Ph.D)

Dosen Pembimbing II

(Ir. H. Prabowo Setiyawan, MT, Ph.D)



Mengetahui,

Ketua Jurusan Teknik Sipil  
Fakultas Teknik UNISSULA

(Ir. Abdul Rochim, ST, MT)

## MOTTO

يُسْرًا أَلْعُسْرَ مَعَ فَإِنَّ (5) إِنَّ (يُسْرًا أَلْعُسْرَ مَعَ (6) فَانْصَبْ فَرَعْتَ فَإِذَا (7) فَأَرْغَبْ رَبِّكَ إِلَى (8)

“Because in fact after the difficulty there is convenience (5) in fact after the difficulty there is convenience (6) then when you have finished something of an affair, work hard on other matters (7) and only to your god should you hope (8)”.

(QS. Al Insyirah : 5-8)

رَشَدًا أَمَرْنَا لَنَا مِنْ وَهْيِي رَحْمَةً لَدُنْكَ مِنْ آتِنَا رَبَّنَا (10)

“ Wahai tuhan berikanlah rahmat kepada kami dari sisi-Mu dan sempurnakanlah bagi kami petunjuk yang lurus dalam urusan kami (ini) ”

(QS. Al Khahfi : 10)

“Yes my rabb, lay it for me on my chest and make it easy for me my affairs and release the rigidity from my tongue so they understand my words”.

(QS. Thoha : 25-28)

“On this day every soul be rewarded with what it earned, no one harmed today.

Allah is swift at reckoning”.

(QS. Al Ghafir : 17)

*“I dedicated this final assignment to the knowledge of highway engineering as my  
worship to Allah Subhana Wa Ta’ala*



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*'iynuhu.* Upon *Ridho* and *Rahmat Allah SubhanawaTa'ala* this final assignment report can be completed.

In preparing this report, I was in contact with many people, researchers, academicians, and practitioners. They have contributed towards my understanding and thoughts. In particular, I wish to express my sincere appreciation to my main research and thesis supervisor, Ir. Gatot Rusbintardjo, M.R.Eng.Sc., Ph.D., for his encourages, guidance, criticism, and friendship. I am also very thankful to my co-supervisor Ir. H. Prabowo Setiyawan, M.T., PhD. for his guidance, advice and motivation. Without their continued support and interest, this final assignment report would not have been the same as presented here.

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Semarang, August 2017

Lely Rizkiyawati

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Wilujeng Ashri Nastiti