

FINAL ASSIGNMENT

**IMPROVEMENT OF NOTOHADINEGORO DOMESTIC
AIRPORT OF JEMBER**

**Proposed to Fulfill Academic Requirement for
Civil Engineering Degree in Faculty
of Engineering of Sultan Agung Islamic University**



By:

Fitria Noviani
NIM. 3.02.015.04.127

Iga Berliana Gustia Sari
NIM. 3.02.015.04.139

**CIVIL ENGINEERING DEPARTMENT ENGINEERING
FACULTY
SULTAN AGUNG ISLAMIC UNIVERSITY
SEMARANG
2019**



**YAYASAN BADAN WAKAF SULTAN AGUNG
UNIVERSITAS ISLAM SULTAN AGUNG (UNISSULA)
FAKULTAS TEKNIK**

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

APPROVAL PAGE

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“IMPROVEMENT OF NOTOHADINEGORO DOMESTIC AIRPORT OF JEMBER”

By :



Fitria Noviani
NIM. 3.02.015.04.127



Iga Berliana Gustia Sari
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Has been approved in Semarang, February , 2019

Examiner Team

1. Ir. Gatot Rusbintardjo, M.R.Eng., M.Sc., Ph.D
2. Lisa Fitriyani., ST., M.Eng
3. Ir. H. Djoko Susilo Adhy, MT

Signature

Sultan Agung University
Civil Engineering Department
Engineering Faculty

Head,



Ari Sentani, ST. M.Sc



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BERITA ACARA BIMBINGAN TUGAS AKHIR

Nomor : 07 / A.2 / SA - T / II / 2019

Pada hari ini, Pebruari 2019 berdasarkan surat keputusan rektor Universitas Islam Sultan Agung (UNISSULA) Semarang perihal penunjukan dosen pembimbing dan asisten dosen pembimbing:

1. Nama : Ir. Gatot Rusbintardjo, M.R.Eng., M.Sc., Ph.D
Jabatan Akademik : Lektor
2. Nama : Lisa Fitriyana, ST., M.Eng.
Jabatan Akademik : Lektor

Dengan ini menyatakan bahwa mahasiswa yang tersebut di bawah ini telah menyelesaikan bimbingan Tugas Akhir / Skripsi :

1. Nama : Fitria Noviani
NIM : 3.02.015.04127
2. Nama : Iga Berliana Gustia Sari
NIM : 3.02.015.04139

Judul : Improvement Of Notohadinegoro Domestic Airport Of Jember

Dengan tahapan sebagai berikut :

No	Tahapan	Tanggal	Keterangan
1	Penunjukan dosen pembimbing	19 - 11 - 2018	ACC
2	Pengumpulan data	27 - 11 - 2018	
3	Analisis data	28 - 11 - 2018	
4	Penyusunan laporan	5 - 12 - 2018	ACC
5	Selesai laporan	15 - 2 - 2018	

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

Pembimbing I

Ir. Gatot Rusbintardjo, M.R.Eng, M.Sc., Ph.D

Pembimbing II

Lisa Fitriyana, ST., M.Eng.

Mengetahui,
Ketua Program Studi Teknik Sipil

Ari Sentani, ST., M.Sc

DECLARATION OF PLAGIARISM

I, the undersigned below:

Name : 1. Fitria Noviani (30201504127)
2. Iga Berliana Gustia Sari (30201504139)

Hereby declare that our Final Assignment entitled: IMPROVEMENT OF NOTOHADINEGORO DOMESTIC AIRPORT OF JEMBER is a scientific work free of plagiarism. If in the future it is proven that there is plagiarism, then we are willing to accept sactions in accordance with the applicable laws and regulations.

Semarang, February 2019

By:



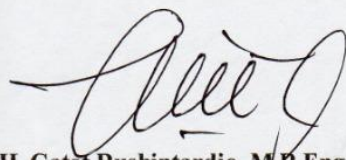
Fitria Noviani
NIM. 30201504127



Iga Berliana Gustia Sari
NIM. 30201504139

Approved:

Supervisor



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

Co – Supervisor



Lisa Fitriyani., ST., M.Eng

Proposed Final Assignment Research

IMPROVEMENT OF NOTOHADINEGORO DOMESTIC AIRPORT OF JEMBER
(Case Study : Extended Runway of Notohadinegoro Domestic Airport of Jember)

Submitted by:

Fitria Noviani
NIM. 3.02.015.04127

Iga Berliana Gustia Sari
NIM. 3.02.015.04139

Approved by:

Supervisor



Ir. Gatot Rusbintardjo, M.R.Eng MSc., Ph.D

Date :

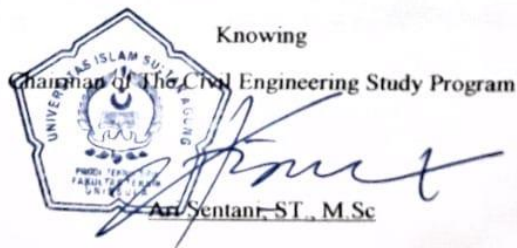
Co-Supervisor



Lisa Fitriyani, ST., M.Eng

Date :

Knowing
Chairman of The Civil Engineering Study Program



Ar Sentani, ST., M.Sc

MOTTO

لَنَّبِيِّنَ اَمَعَ جَرَهُ اَوْ يُعْطَى م سَلَّ لِ اَنْنُ رُ : لِمَلْمُ اَلْبُ طَا ، حَمَةَ النَّبِّ طَالِبُ : لِعَلْمِ اَلْبُ طَا

“Orang yang menuntut ilmu berarti menuntut rahmat ; orang yang menuntut ilmu berarti menjalankan rukun Islam dan Pahala yang diberikan kepada sama dengan para Nabi”.

(HR. Dailani dari Anas r.a)

(٤١) - اَلْاَوْفَى الْجَزَاءُ يُجْزَاهُ ثُمَّ - (٤٠) - يُزَى سَوَّفَ سَعْيُهُ وَاَنَّ - (٣٩) - سَعَى مَا اِلَّا لِلْاِنْسَانِ اَلَيْسَ وَاَنَّ

“Dan bahwa manusia hanya memperoleh apa yang telah diusahakannya, dan sesungguhnya usahanya itu kelak akan diperlihatkan (kepadanya), kemudian akan diberi balasan kepadanya dengan balasan yang paling sempurna.”

(QS An-Najm 39-41)

“I dedicated this final assignment to the knowledge of civil engineering in general and airport engineering in special and as my worship to Allah SWT”

ACKNOWLEDGEMENT

Alhamdulillahirabbil'alamin, Innalhamdulillah nahmaduhu wa nasta'iyuhu. Upon Ridho and Rahmat Allah Subhana wa Ta'ala this final assignment report can be completed.

In preparing this report, I was contact with many people, researches, academicians, and practitioners. They have contributed towards my understanding and thoughts. In particular, i wish to express my sincere appreciation to my main study supervisor, Ir. H. Gatot Rusbintardjo, M.R.Eng MSc., Ph.D., for for his encourages, guidance, criticism, and friendship. I am also very thankful to my Co – supervisor, Lisa Fitriyani, ST., M.Eng. 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.

My special thanks are addressed to Dean of the Engineering Faculty of UNISSULA, Bapak Ir. H. Rachmat Mudiyono, MT., Ph.D. and Head of Department of Civil Engineering, Faculty of Engineering UNISSULA, Bapak Ari Sentani, ST., M.Sc. for permission, to take the final assignment as the requirement for reaching Bachelor Degree in Civil Engineering in Faculty of Engineering UNISSULA.

Very special thanks are given to my beloved parents, my father and my mother, their patience, prayers and understanding during this study were always a blessing. Also my brother who always give me support and pray.

Of course for Iga Berliana Gustia Sari as partner who have worked hard and fought together to resolve this final assignment.

Special thanks to all of my big family for support, motivate and pray for the success of this final assignment, and thanks to family Kendal for support, motivation and pray.

Thanks to my squad 24A (Ika Yunialin, Hulfa Istiqomah, and Iga berliana Gustia Sari) for support, my squad Pabji (Wulan Aji Rositasari, Wiwit Nia Kusuma, and Puput Susilowati) for support and motivate. All of my friends in Faculty of Civil Engineering 2015 especially class D for their support. Also to all of my Acceleration friend 2015, who always fought together and give me support.

Semarang, January 2019

Fitria Noviani

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Semarang, January 2019

Iga Berliana Gustia Sari