

FINAL ASSIGMENT

BUTON NATURAL ROCK ASPHALT (BNRA) MODIFIED BASE COURSE MATERIAL

**Proposed to Complete Any Assential to Obtain
Bachelor Degres (S1) of Civil Engineering**



Drafted By:

RAHMAT AKBAR BADARU

NIM :30201303577

RANDI YUDISTIRA

NIM : 30201303579

**DEPARTMENT OF CIVIL ENGINEERING FACULTY OF
ENGINEERING SULTAN AGUNG ISLAMIC UNIVERSITY**

2017

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2017



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FAKULTAS TEKNIK**

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APPROVAL PAGE

FINAL ASSIGNMENT

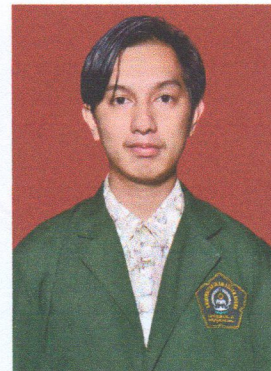
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Have been agreed at, August , 2017

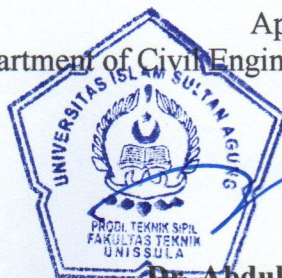
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Co – Supervisor

Ir. M. Faiqun Ni'am, MT., Ph.D

Approved By,
Head of Department of Civil Engineering, Faculty of Engineering UNISSULA



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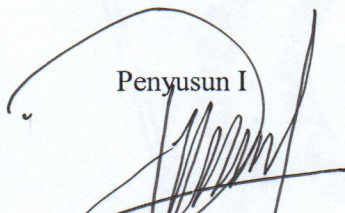
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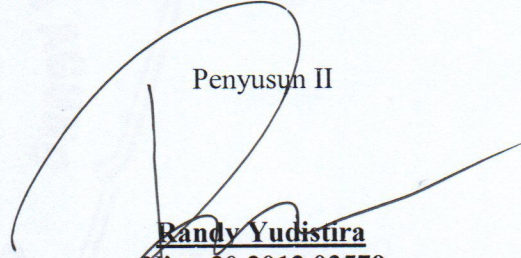
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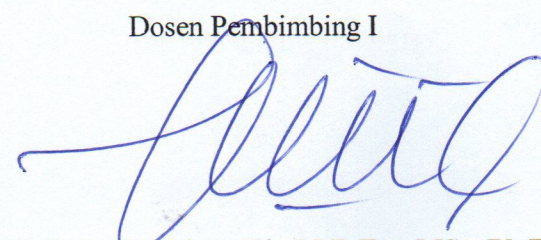
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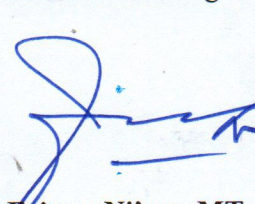
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SURAT PERNYATAAN KEASLIAN

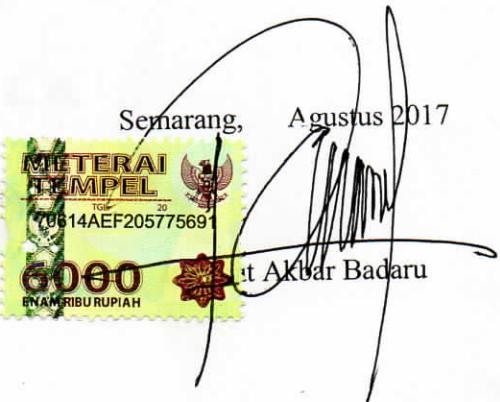
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Semarang, 25 September 2017

Yang menyatakan,



RANDY YUDISTIRA
NIM: 30201303579

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MOTTO

“Failure only happens when we give up”.

(B.J Habibie)

“There is a time when a man has to choose a difficult decision”.

(Rahmat Akbar Badaru)

“Result will not destroyed the effort”.

(Randy Yudistira)

*“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'al* at this research and 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. Faiqun Ni'am MT. Ph.D 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. Prabowo Setiawan, M.T., Ph.D. and Head of Department of Civil Engineering, Faculty of Engineering UNISSULA Bapak Dr. Abdul Rochim, S.T., M.T., for permission, to take final assignment as the requirement for reaching Bachelor Degree in Civil Engineering in Faculty of Engineering UNISSULA.

I would also like to thank to all technicians in Road Research Laboratory of Faculty of Engineering of UNISSULA for their help and cooperation.

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I wanna dedicated this final assigment for Tongkuno Fighter in Semarang, La Ode Muhammad Shidiq Syarif, Muhammad Zulkifli Mustofa, La Ishar, La ArmanNihu, La Ode Muhammad Asep, LaIdrusEfendi, LaFajar, Wa Fitria RihuWa Selfin Yovye Nurma, Wa CiciRahmawati, Wa Ode Nur Salam, WaOrina, WaNurAini, who never stop accompanying me from the beginning my studi until finished.

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Of course for Rahmat Akbar Badaru as colleagues who have worked hard, fought together to resolve this Final.

I wanna dedicated this final assignment for Grandchild of La Dangka, Rama Tomi Saputra, Radytia Dirga Tri Saputra, Sarni Gita Mustika, Zulhinas Nilam Cahya, Muhammad Sarwan, Ismillah, Fuad Iksan, Humaira, Itin, Ningrum Novi, Astia Adil, Fitria Sara, Nina Asriyuli, Wa Ode Muhaimin Hidayah, Indra Maha Dewi, and other comrades who could not mention who have helped the completion of this final report.

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