

**FINAL ASSIGNMENT**

**DESIGN STANDARD TOLL ROAD IN INDONESIA**

**Submitted to fulfill the requirements in completing undergraduate education  
in Civil Engineering, Faculty of Engineering Sultan Agung Islamic University  
Semarang**



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2019**

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**DESIGN STANDARD TOLL ROAD IN INDONESIA**

Yang diajukan oleh :

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Tanggal : 5 Agustus 2019

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**Ir. Gatot Rusbintardjo, M.R.Eng, M.Sc., Ph.D.** Tanggal : 5 Agustus 2019

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**BERITA ACARA BIMBINGAN TUGAS AKHIR  
No. / A.2 / SA-T / VII / 2019**

Pada Senin, 5 Agustus 2019 berdasarkan surat keputusan rektor Universitas Islam Sultan Agung ( UNISSULA ) Semarang perihal penunjukan dosen pembimbing dan asisten dosen pembimbing :

1. Nama : Dr. Abdul Rochim, ST., MT.  
Jabatan Akademik : Lektor  
Jabatan : Dosen Pembimbing I
2. Nama : Ir. Gatot Rusbintardjo, M.R.Eng, M.Sc., Ph.D.  
Jabatan Akademik : Lektor  
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Dengan ini menyatakan bahwa mahasiswa yang tersebut di bawah ini telah menyelesaikan bimbingan Tugas Akhir / Skripsi :

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Dengan tahapan adalah sebagai berikut:

1. Penunjukan Dosen Pembimbing : 10 April 2019
2. Konsultasi Pengambilan TA : 12 April 2019
3. Penyusunan Laporan TA : 15 April 2019
4. Laporan Tugas Akhir Selesai : 30 Juli 2019

Demikian, Berita Acara bimbingan Tugas Akhir/Skripsi ini dibuat untuk diketahui dan digunakan seperlu-perlunya oleh pihak-pihak yang berkepentingan.

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Dr. Abdul Rochim, ST., MT.

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### PERNYATAAN BEBAS PLAGIASI

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dengan ini menyatakan bahwa Tugas Akhir yang berjudul : DESIGN STANDARD TOLL ROAD IN INDONESIA benar bebas dari plagiat, dan apabila pernyataan ini terbukti tidak benar maka saya bersedia menerima sanksi sesuai ketentuan yang berlaku.

Demikian surat pernyataan ini saya buat untuk dipergunakan sebagaimana mestinya.

Semarang, 5 Agustus 2019

Yang membuat pernyataan,

Mahasiswa



**Kholiq Maulana Badriyawan**

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## PERNYATAAN KEASLIAN

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Menyatakan dengan sesungguhnya Tugas Akhir ini merupakan hasil penelitian, pemikiran dan pemaparan asli saya sendiri. Saya tidak mencantumkan tanpa pengakuan bahan – bahan yang telah dipublikasikan sebelumnya atau ditulis oleh orang lain, atau sebagai bahan yang pernah diajukan untuk gelar atau ijazah pada Universitas Islam Sultan Agung Semarang atau perguruan tinggi lainnya.

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Demikian pernyataan ini saya buat.

Semarang, 5 Agustus 2019

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## MOTTO

وَقَالَ رَبُّكُمْ ادْعُونِي أَسْتَجِبْ لَكُمْ

*Pray (ask) to Me, surely I grant you.*

(QS. Al-Mukmin : 60)

إِنَّ مَعَ الْعُسْرِ يُسْرًا

*Indeed after hardship comes ease.*

(QS. Al-Insyirah: 7)

أَلَا بِذِكْرِ اللَّهِ تَطْمَئِنُّ الْقُلُوبُ

*Just to remember Allah ... our heart will be calm.*

(QS. Ar-Ra'd :28)

فَمَنْ يَعْمَلْ مِثْقَالَ ذَرَّةٍ خَيْرًا يَرَهُ

*Who's doing good though for seed dzarah, He would see the reward.*

(QS. Al- Zalzalah:7)

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Semarang, August 5<sup>th</sup> , 2019

Kholiq Maulana B & Oktaditya Mahya Aghnia S

## DEDICATIONS

Thanks the author to Allah SWT, Thanks to the grace and guidance the author can complete this final assignment to fulfill requirements in completing undergraduate education in the Department of Civil Engineering Faculty of Engineering Sultan Agung Islamic University. In addition, this final project the author offer to:

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Thanks the author to Allah SWT, Thanks to the grace and guidance the author can complete this final assignment to fulfill requirements in completing undergraduate education in the Department of Civil Engineering Faculty of Engineering Sultan Agung Islamic University. In addition, this final project the author offer to:

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6. To all of my friends in Department of Civil Engineering 2015 especially Civil C Class for their support and friendship as along as I'm in 4 year here.

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