

FINAL ASSIGNMENT

**DESIGN OF BOX GIRDER FOR
HIGHWAY BRIDGE**

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



Drafted By:

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**CIVIL ENGINEERING DEPARTEMENT
ENGINEERING FACULTY
UNIVERSITAS ISLAM SULTAN AGUNG SEMARANG
2018**

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DESIGN OF BOX GIRDER FOR HIGHWAY BRIDGE

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ISNAH KUMIYATI
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**APPROVAL PAGE
FINAL ASSIGNMENT**

**DESIGN OF BOX GIRDER FOR
HIGHWAY BRIDGE**

By:



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Have been approved at September 5th, 2018

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Co - Supervisor

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

Dr. Ir. Rinda Karlinasari, MT

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



Aul Santani, ST., M.Sc



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BERITA ACARA BIMBINGAN TUGAS AKHIR

Nomor : 17 / A.2 / SA - T / III / 2018

Pada hari ini, tanggal 15 Agustus 2018 berdasarkan Surat Keputusan Ketua Jurusan Universitas Islam Sultan Agung (UNISSULA) Semarang perihal penunjukan Dosen Pembimbing Tugas Akhir:

1. Nama : Ir. H. Gatot Rusbintardjo, M.R.Eng.M.Sc.,Ph.D
Jabatan Akademik : Lektor

dan

2. Nama : Dr.Ir. Rinda Karlitasari, MT
Jabatan Akademik : Lektor

dengan ini menyatakan bahwa Mahasiswa yang tersebut dibawah ini:

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Nim : 30201403804
Jurusan : Teknik Sipil
2. Nama : Zakina Putri Maliadewi
Nim : 30201403956
Jurusan : Teknik Sipil

telah menyelesaikan Tugas Akhir dengan Judul Design of Box Girder for Highway Bridge.
Adapun tahapan Tugas Akhir adalah sebagai berikut:

No.	Tahapan	Tanggal
1	Penunjukan Dosen Pembimbing	12 Maret 2018
2	Pengumpulan Data	19 Maret 2018
3	Penyusunan Laporan	6 April 2018 - 14 Agustus 2018
4	Selesai Laporan	15 Agustus 2018
5	Seminar Tugas Akhir	29 Agustus 2018

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.M.Sc.,Ph.D

Dosen Pembimbing II

Dr. Ir. Rinda Karlitasari, MT

Mengetahui,
Ketua Prodi Teknik Sipil
Fakultas Teknik UNISSULA

Ari Santani, ST, M.Sc

DECLARATION

The undersigned below :

Name : 1. Isnah Kumiyati (30201403804)
2. Zakina Putri Muliadewi (30201403956)

Department : Civil Engineering

Hereby declare this our Final Assignment is entitled : **DESIGN OF BOX GIRDER FOR HIGHWAY BRIDGE** is a scholarly work free from plagiarism. If later there is proven plagiarism from this final assignment, then I am willing to accept sanction in accordance with applicable legislation.

Semarang, September 2018

By :

Editor I



Isnah Kumiyati

Editor II



Zakina Putri Muliadewi

Approved :

Supervisor

A handwritten signature in blue ink, appearing to read 'Gatot Rusbintarjo'.

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

Co - Supervisor

A handwritten signature in blue ink, appearing to read 'Rinda Karlinasari'.

Dr. Ir. Rinda Karlinasari, MT

MOTTO

فَأَرْغَبْ رَبِّكَ إِلَىٰ (7) فَأَنْصَبْ فَرَعْتَ فَإِذَا (6) يُسْرًا الْعُسْرَ مَعَ إِنَّ (5) يُسْرًا الْعُسْرَ مَعَ فَإِنَّ (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 أَمْرًا لَنَا مِنْ وَهَيْئٍ 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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Semarang, August 2018

Isnah Kumiyati

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Zakina Putri Muliadewi