

**ROAD SAFETY EVALUATION ON JENDRAL SUDIRMAN
ROAD IN KUPANG CITY (VISUAL INVESTIGATION)**

Final Project Report

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INTERNATIONAL CIVIL ENGINEERING PROGRAM

FACULTY OF ENGINEERING

UNIVERSITAS ATMA JAYA YOGYAKARTA

YOGYAKARTA

2021

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Final Project Report

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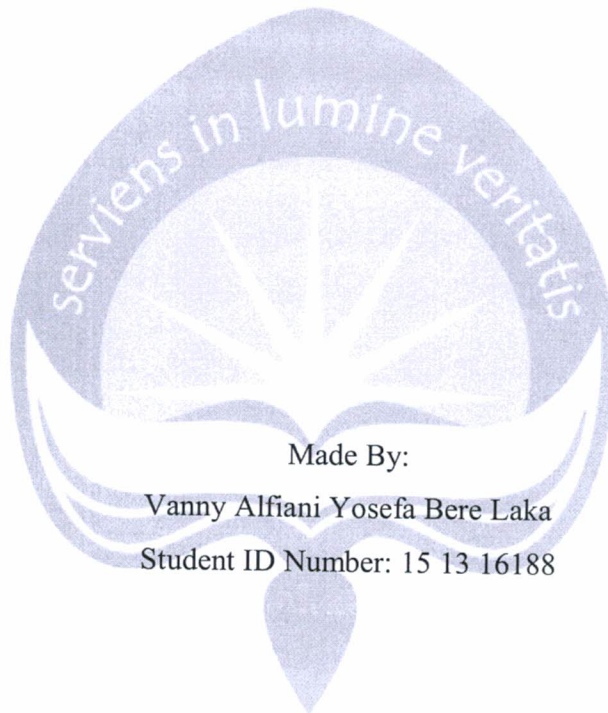


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APPROVAL

Final Project Report

ROAD SAFETY EVALUATION ON JENDRAL SUDIRMAN ROAD IN KUPANG CITY (VISUAL INVESTIGATION)



has been examined and approved by the examination committee

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PREFACE

First of all, the author would like to thank Jesus for all His blessings that the author could finish this final project report. Final project is a requirement to obtain bachelor's degree for students of Universitas Atma Jaya Yogyakarta. For the completion of this final project, the author would like to express her gratitude towards:

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The author realize that this report has many mistakes and still have room for further improvement. Based on that fact, any suggestion and critics will be gladly accepted.

Yogyakarta, 16th October 2020

The Author

Vanny Alfiani Yosefa Bere Laka

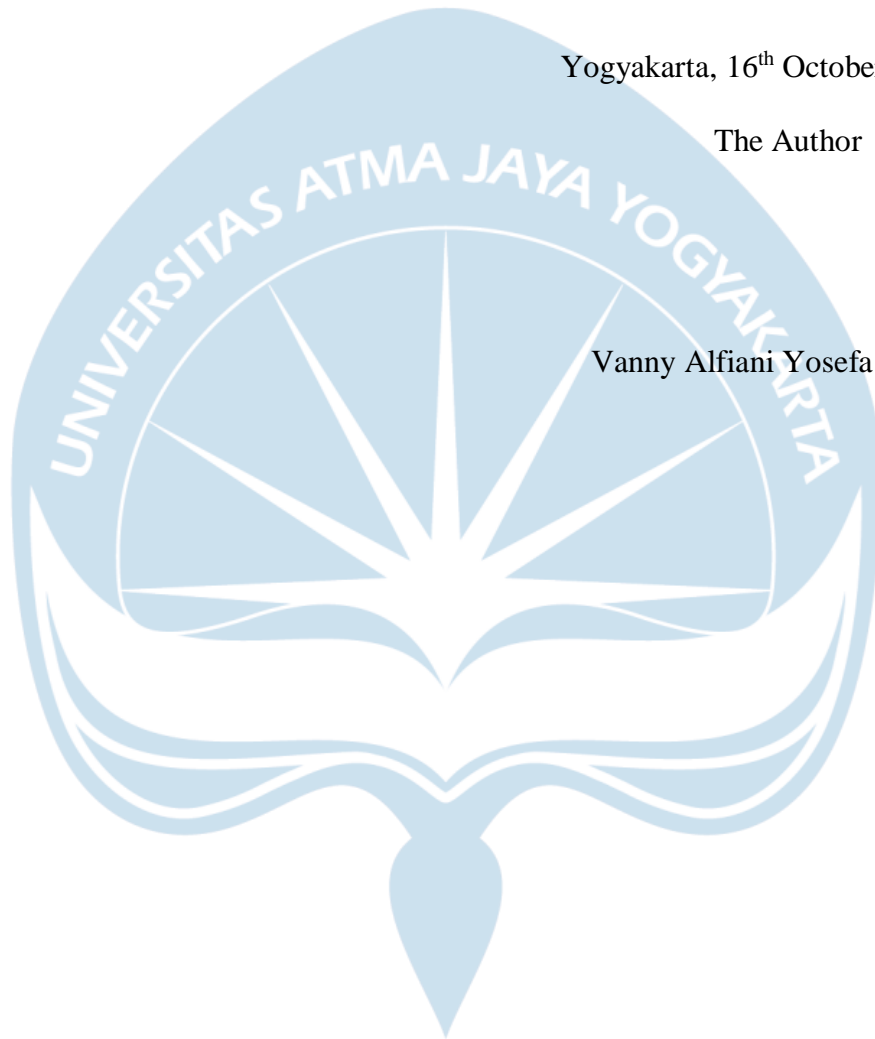


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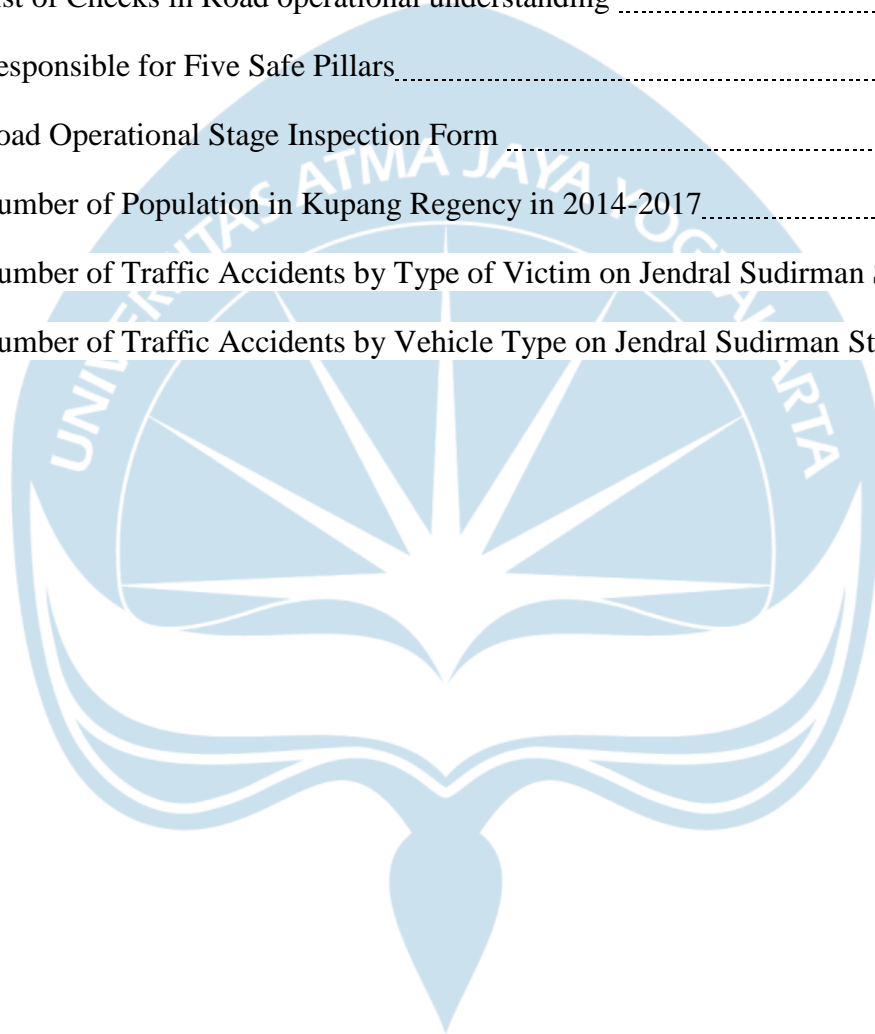
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Appendix 2. Formuir Audit Keselamatan Jalan 1 + 000 (Indonesian Version)

Appendix 3. Formuir Audit Keselamatan Jalan 1 + 500 (Indonesian Version)



ABSTRACT

ROAD SAFETY EVALUATION ON JENDRAL SUDIRMAN ROAD IN KUPANG CITY (VISUAL INSVESTIGATION)

KUPANG CITY, Vanny Alfiani Yosefa Bere Laka, Student ID Number 15.13.16188, year 2019, Transportation Engineering, International Civil Engineering Program, Department of Civil Engineering, Faculty of Engineering, Universitas Atma Jaya Yogyakarta.

Based on the data from the East Nusa Tenggara Regional Police, Kupang Resort there were 13 traffic accidents in 2015, then increased to 29 traffic accidents in 2016 and in 2017 to 31 traffic accidents on Jendral Sudirman Road, Kupang city. Traffic accidents themselves are caused by several related factors such as humans, vehicles, roads and / or the environment.

The research was conducted at Jendral Sudirman Road, Kupang City which has the status of a provincial road and functions as a secondary collector road. The research data was taken by conducting an inspection along Jendral Sudirman Road. The data taken includes a decrease in road quality, placement of signs, non-functioning street lighting, road drainage, road markings and an traffic sign that will affect road safety on Jendral Sudirman Road, Kupang City.

From the results of the inspection, it was found that problems related to road complementary buildings and road facilities in the form of road markings that have begun to be erased, lack of signs and signs covered by tree branches in certain road segments, road damage such as cracks and holes in the road, entry of sand material into the road body, lack of pedestrian facilities (sidewalks and zebra crossings), lack of street lighting facilities and not optimal street lighting functions in several road segments. Based on the problems obtained from the results of the inspection, suggestions for handling problems were given to reduce hazards that could disrupt road safety on Jendral Sudirman Road, Kupang City. The suggestions given are painting the road markings, repairing the road surface, adding and repairing the traffic sign, making improvements and adding to the street lighting facilities, adding facilities for pedestrians, cleaning the sand material that enters the road and make improvements to traffic signs.

Keywords : Accidents, Inpections, Problems