

INTERNATIONAL SYMPOSIUM PAPER

**ROAD SAFETY INSPECTION ON BLACKSPOT
IN PANTURA LANE SITUBONDO**

PRESENTED AT :

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**THEME : "INFRASTRUCTURE DEVELOPMENT FOR
ENHANCING SPATIAL CAPACITY"**

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BY :

**Sonya Sulistyono
Dwi Nurtanto
Andri Setiawan**

ORGANIZER :



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AND INDONESIAN INTER UNIVERSITY
TRANSPORTATION STUDIES FORUM**



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S. Sulistyono / D. Nurtanto / A. Setiawan
Civil Engineering Department, Faculty of Engineering
Jember University
Jl. Kalimantan 37 Jember
Jember

Re: Paper Acceptance for the 16th FSTPT International Symposium

Dear Sir/Madam,

Please kindly let me inform you that the following paper:

ROAD SAFETY INSPECTION ON BLACKSPOT IN PANTURA LANE SITUBONDO

- 1) Sonya Sulistyono (Civil Engineering Department, Faculty of Engineering, Jember University)
- 2) Dwi Nurtanto (Civil Engineering Department, Faculty of Engineering, Jember University)
- 3) Andri Setiawan (Civil Engineering Department, Faculty of Engineering, Jember University)

is accepted for presentation in the 16th FSTPT International Symposium to be held in Muhammadiyah University of Surakarta, Surakarta, Indonesia on November 1-3, 2013. Furthermore, presentation schedule will be announced in www.fstpt.or.id and www.fstpt-icid.com on October 24, 2013.

Authors are to immediately register their attendance by filling in the registration form as provided in the Local Committee website (www.fstpt-icid.com) and submit the registration form through email address: icid.ums@gmail.com.

Thank you for your kind attention and looking forward to meeting you in Surakarta.

Yours Faithfully,



FSTPT

Sonya Sulaksono Wibowo, Ph.D
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This is to certify that:

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“INFRASTRUCTURE DEVELOPMENT FOR ENHANCING SPATIAL CAPACITY”

November 1st - 3rd, 2013

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ROAD SAFETY INSPECTION ON BLACKSPOT IN PANTURA LANE SITUBONDO

Sonya Sulistyono

Lecture on Civil Engineering Dept.
Faculty of Engineering
Jember University
Jl. Kalimantan 37 Jember
sonya.sulistyono@yahoo.co.id

Dwi Nurtanto

Lecture on Civil Engineering Dept.
Faculty of Engineering
Jember University
Jl. Kalimantan 37 Jember

Andri Setiawan

Student on Civil Engineering Dept.
Faculty of Engineering
Jember University
Jl. Kalimantan 37 Jember

ABSTRACT

Pantura lane in Situbondo is one of the longest on the island of Java (110 kilometers). With a length of the road, traffic accidents occur quite large. Recorded in 2012 occurred 326 traffic accident with the traffic accident victims died as many as 48 people. The purpose of this study is to identify blackspot and road safety inspection at these locations. Results of traffic accident data analysis obtained blackspot in Km Sby 186 – 186,5 dan Km Sby 201 –201,5 (the highest accident rates). Road safety inspection results obtained by the total accumulated value of risk at Km Sby 186 –186,5 of 1.412 point and Km Sby 201 –201,5 of 1.190 point, where the value of the highest risk on aspects of street lighting. Efforts to reduce the occurrence of traffic accidents that installation of street lighting along the blackspots to reduce safety deficiencies occur.

Keywords: pantura lane, traffic accident, road safety inspection, safety deficiency.

INTRODUCTION

Traffic accidents on Pantura Lane in Situbondo are quite high. The trend of events is increasing in the last three years, but the fatality victim declined. Data from Situbondo Police Traffic Unit showed 219 traffic accidents occurred in 2010 with fatalities (victim died) as many as 89 people. In 2011 occurred 297 traffic accidents and fatalities as many as 61 people. While in 2012 as many as 48 people died in 326 accidents that occurred.

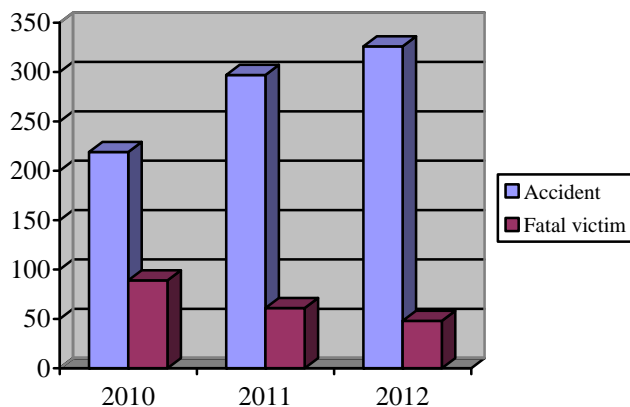


Figure 1.
Traffic accident and Victim Dies on
Pantura Lane in Situbondo Regency
(Source: Situbondo Police Traffic Unit,
2012)

Traffic accidents on the Pantura Lane caused by human factors (drivers and pedestrians as road users), infrastructure factors (roads and road environments), and mean factor (vehicles). Of the factors that cause traffic accidents, infrastructure factors are factors that can be directly influenced by the government in an effort to increase road safety in the form of improved quality. One of implementation is to conduct road safety inspections at blackspot on the Pantura Lane in Situbondo. This is a productive way to identify high risk