

# Roads to Respect Project 2010



## High risk sites proposal



Stefano Erba

[erba.stefano@hotmail.it](mailto:erba.stefano@hotmail.it)



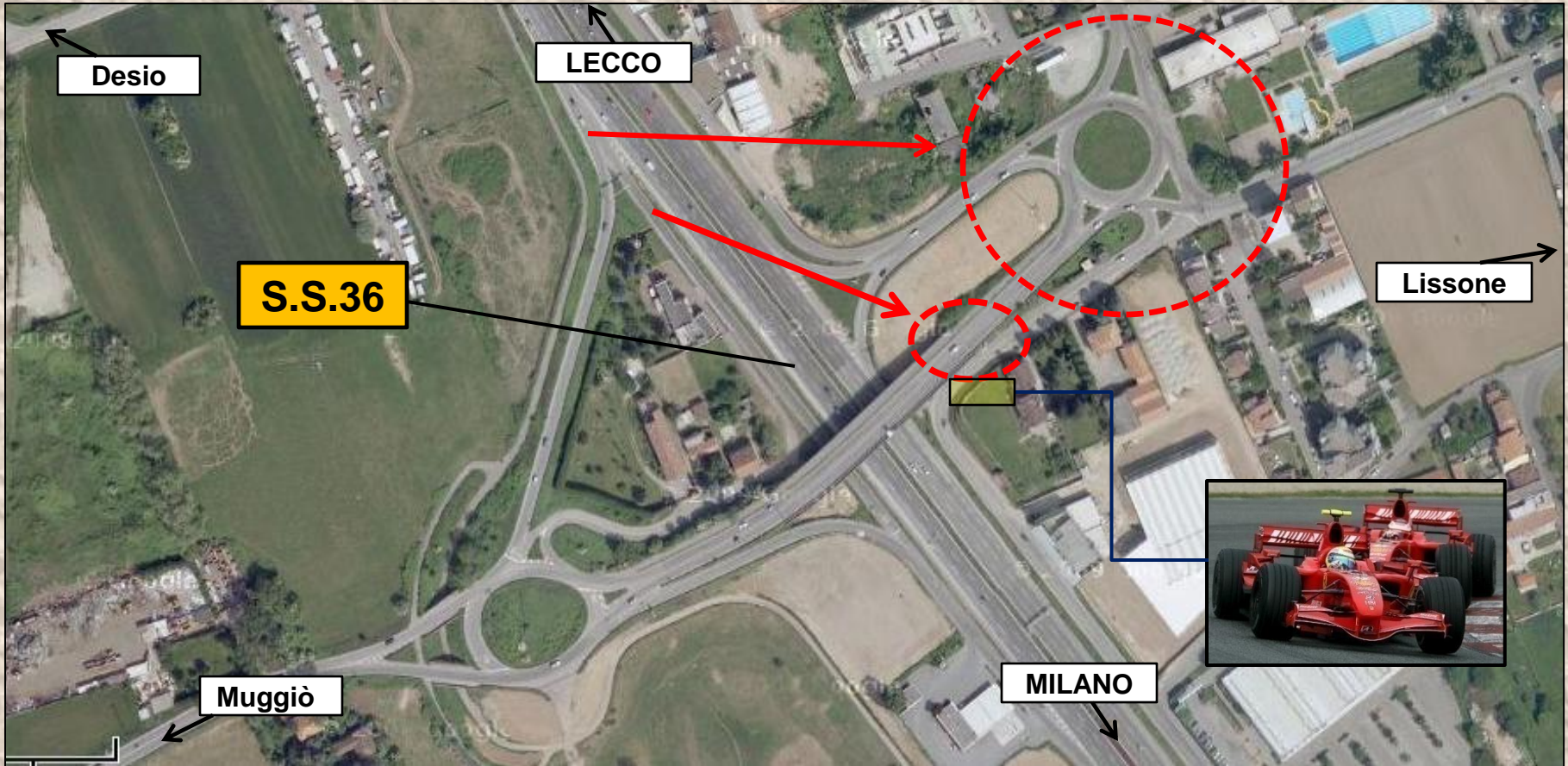
Politecnico di Milano, Italy  
Transport Infrastructures

October 2010



# HIGH RISK SITE DESCRIPTION

## *Geographic position*



The intersection of S.S.36 (Milano-Lecco) and the Lissone-Corridio site, the area has lots of traffic, especially from 7.30 am to 7.30 pm.



# HIGH RISK SITE DESCRIPTION

Admitted

High speed: possibility of carrying out manoeuvre 1

manoeuvres



Scarce visibility:

Conflict risk between manoeuvre 2 and manoeuvre 4. The flow toward the swimming pool is quite consistent.

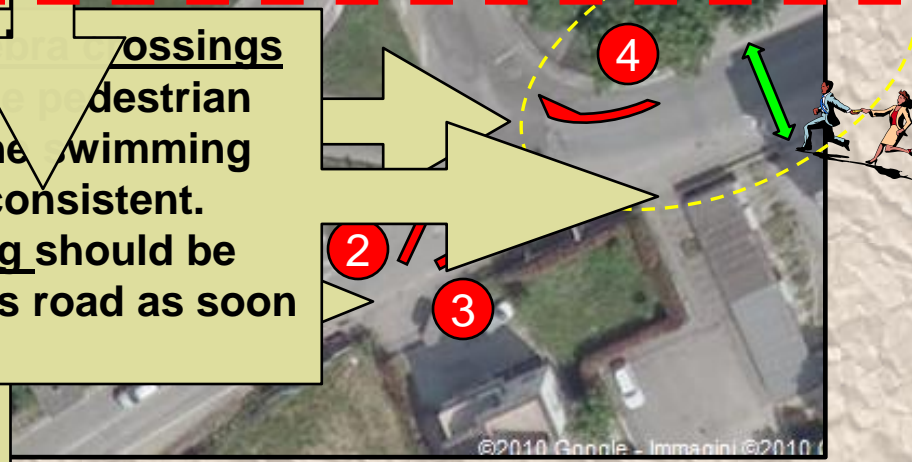
Absence of crossings even where the pedestrian flow toward the swimming pool is quite consistent.

Traffic islands: the marked on this road as soon as possible!

Zebra crossing should be marked on this road as soon as possible!

a big obstacle for manoeuvres 2 and 3;

The **vehicles waiting for manoeuvre 2** cover the already not sufficient view of vehicles of manoeuvre 3.



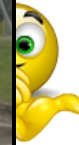
The intersection manoeuvre is important

number of streets; that's why many possible most dangerous manoeuvres, on which it's highlighted in red (1,2,3,4).



# HIGH RISK SITE DESCRIPTION

## Road user's behaviour



**VISIBILITY PROBLEMS**  
for car B, also because of the cars A turning left !!!

**VISIBILITY PROBLEMS**  
for car A !!!

Manov. 1



Click to start !!

...cars come to the stop-line on the secondary...

Manov. 2-3



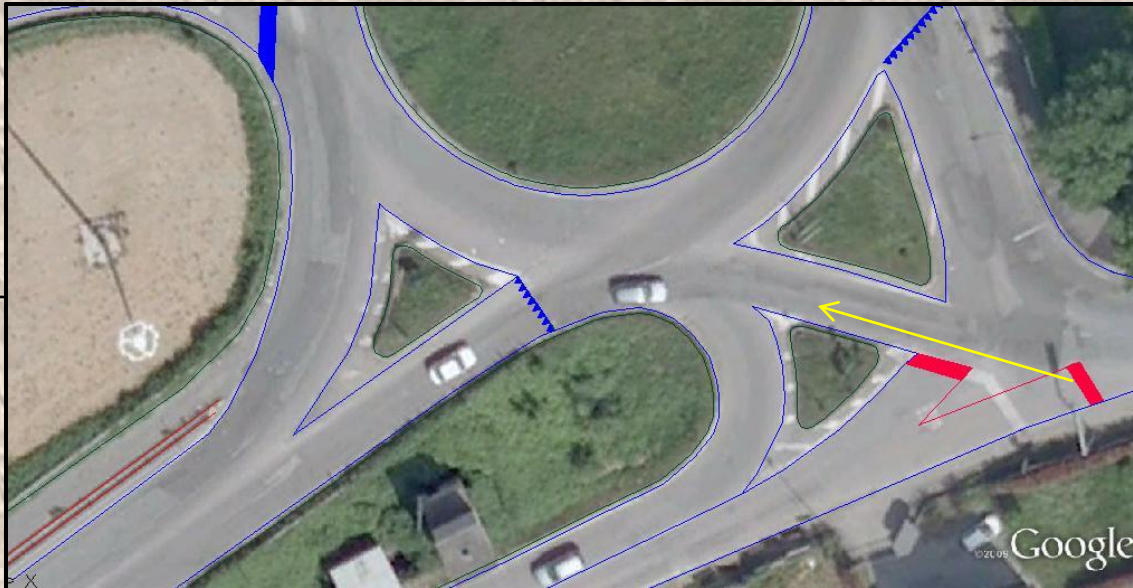
# HIGH RISK SITE DESCRIPTION

## *Possible interventions*

In order to increase the intersection **safety** and **efficiency**, it would be important to:

- Rebuild traffic islands without any traffic sign (except the necessary ones) nor vegetation (not appropriate for such a dangerous area).
- Modify road markings (stop-line) on the secondary, in order to increase visibility for manoeuvre 3.

⇒ VISIBILITY



CLICK TO SEE!

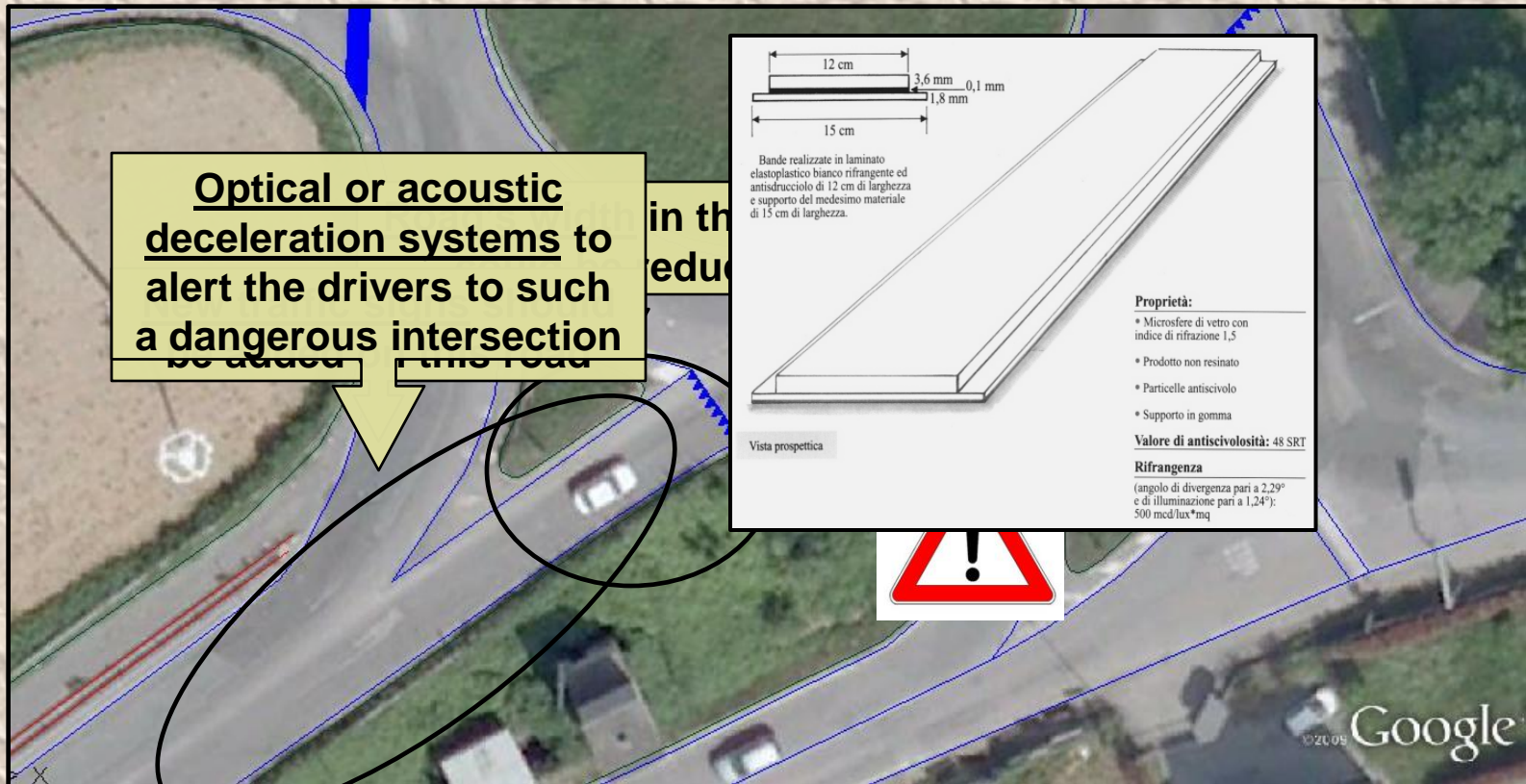


# HIGH RISK SITE DESCRIPTION

## *Possible interventions*

In order to increase the intersection **safety** and **efficiency**, it would be important to control the high speed in manoeuvre 1:

...some practicable interventions:





# WHICH CAMPAIGN...?

- To inform the local administration about the importance of road safety;

- > Less risk
- > Less accidents and injuries
- > More trust among the citizens

- To explain what makes this intersection a high risk site;

## HOW?

- Specific meetings with the major of Lissone and the Police commander
- Partecipation to the Council of all the members of the local administration

## WHAT DO I NEED?

- data and statistics
- interviews to people living near the black spot
- videos
- surveys on social-networks

- To promote my project in order to find sponsors or organisations interested in it;

- To communicate with citizens:
  - support
  - critics or suggestions



# HIGH RISK SITES PROPOSAL *Conclusions*

in any case...

**NEVER "FIGHT" ALONE!!  
I AM NOT RAMBO!!!**







# HIGH RISK SITES PROPOSAL *Conclusions*

**THANK YOU FOR YOUR ATTENTION!!!**



Stefano Erba  
Politecnico di Milano, Italy  
[erba.stefano@hotmail.it](mailto:erba.stefano@hotmail.it)