

# ROADS TO RESPECT PROJECT

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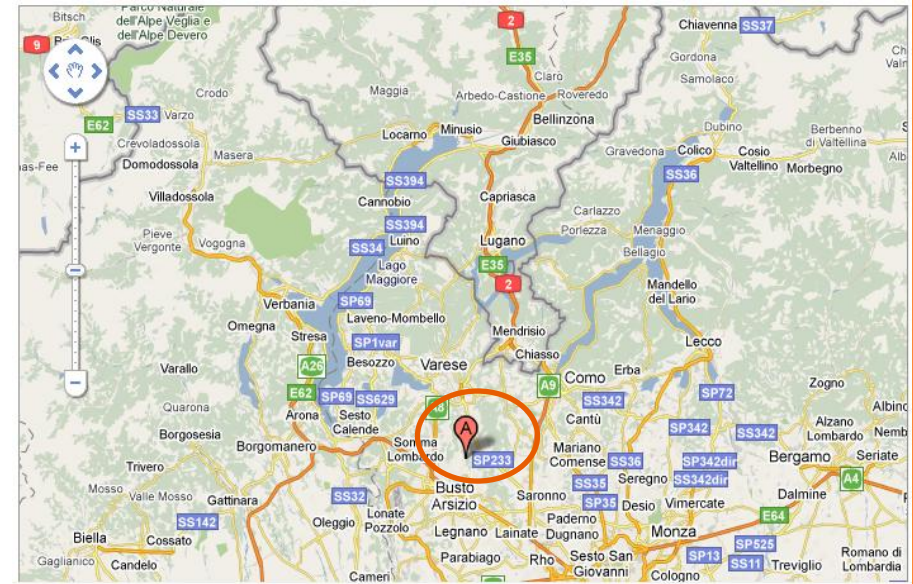
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# HIGH RISK SITE DESCRIPTION:

The Blackspot is located in Cairate (Va).

- It 's a provincial road: the SP12.
- The travelling speed is 50 km / per hour.
- The dimensions of the high risk site are: the length of the line is about 265m x about 8 m wide.
- There are no sidewalks or cycle lanes or pedestrian crossing on the stretch of the road.
- It is a road with large tertiary activities (supermarkets, shops, pubs).
- It has great traffic movements during rush hours and on (public) holidays . (Average till receipts per day for Superdì = 700 till receipts/day)











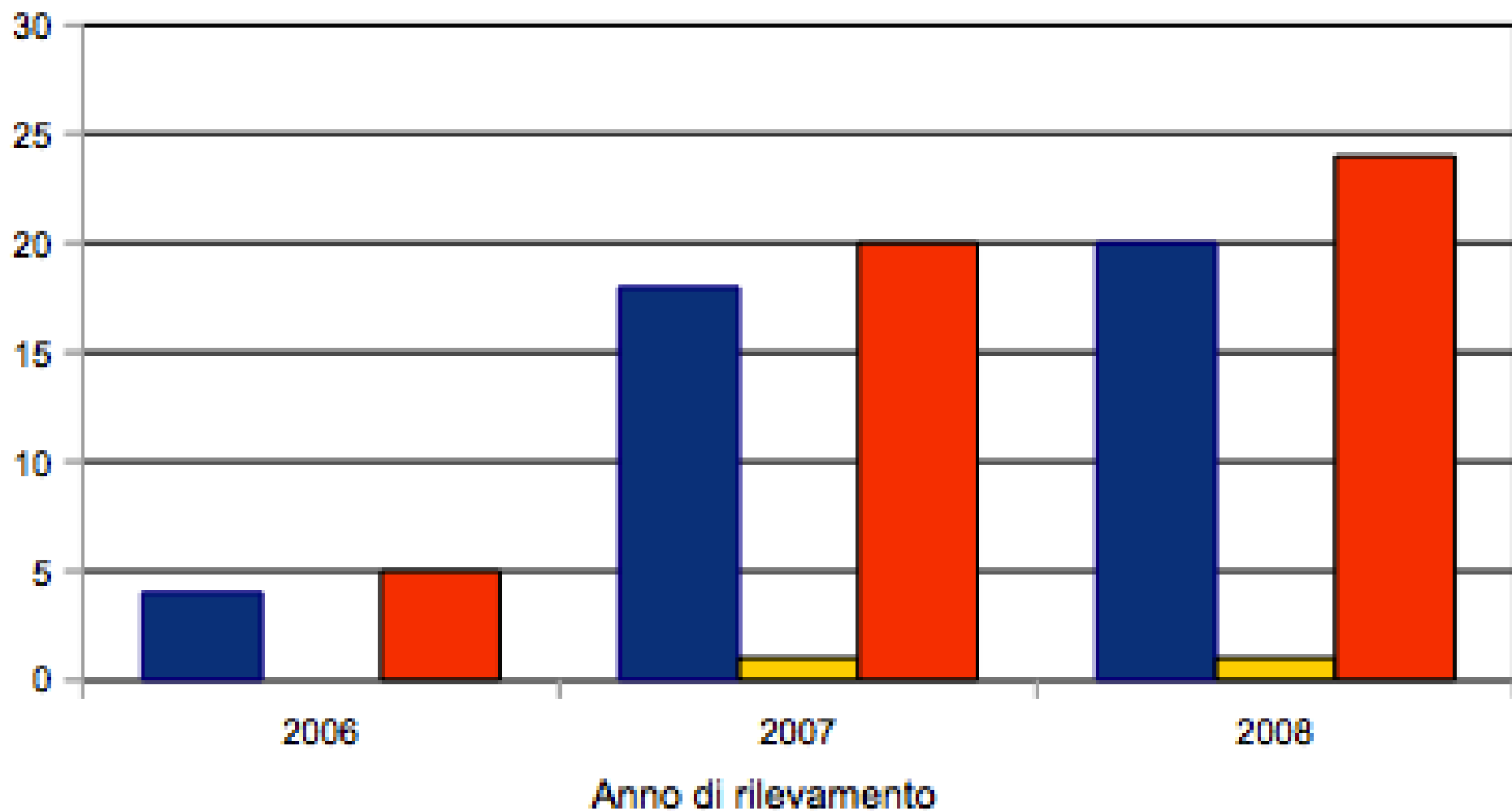
# THE POGSE APPROACH

1. Problem
2. Origin
3. Goal
4. Solution
5. Evaluation



## Incidenti relativi alla Sp12 di Cassano Magnago

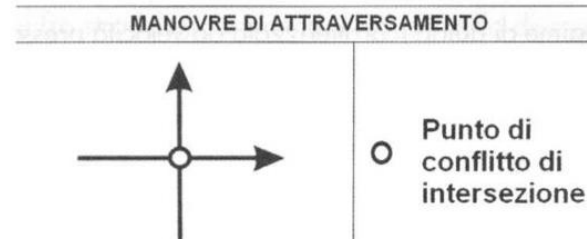
■ Incidenti ■ Morti ■ Feriti





## 2. ORIGIN

- Points of conflict ;
- Difficulty from the supermarket in turning to the left ;
- Pub Arcadia very crowded in the evening.



1. "Cairate - Another car accident on the Sp12 , at Bolladello di Cairate , close to the supermarkets (Superdi and Prestofresco) and to the pub Arcadia, a place that has been so many times the scene of car accidents. At around 7: 45 pm, Saturday 9 January , have arrived an ambulance and police, who are carrying out checks on to determine what happened. At moment nobody knows the causes and dynamics of the accident that has blocked the road causing traffic jams, particularly towards Tradate. Unknown the number of involved vehicles and the consequences for people. *The road is not new to accidents, with an average in the last period of about one per month, always in the same stretch of road.* The most critical situations are the immission area from supermarkets parking on the provincial road and the high frequentation of the pub in the evening."

\* From the newspaper VARESENOTIZIE 01/09/2010

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2. " Cairate - Another accident on the SP12 at Bolladello. This time the collision was between a car and a bicycle, around 18 p.m Tuesday, Dec. 1, at the height of the two supermarkets, and superdi e Prestofresco, overlooking Via Como. Still unclear the causes of the left that have caused no injuries, but only moments of anxiety and the inevitable disruption to traffic always busy on this artery. Both the bicycle and the car have suffered bruising. On the site are the agents of the local police, *not new to being implicated in accidents on this stretch of road.*"

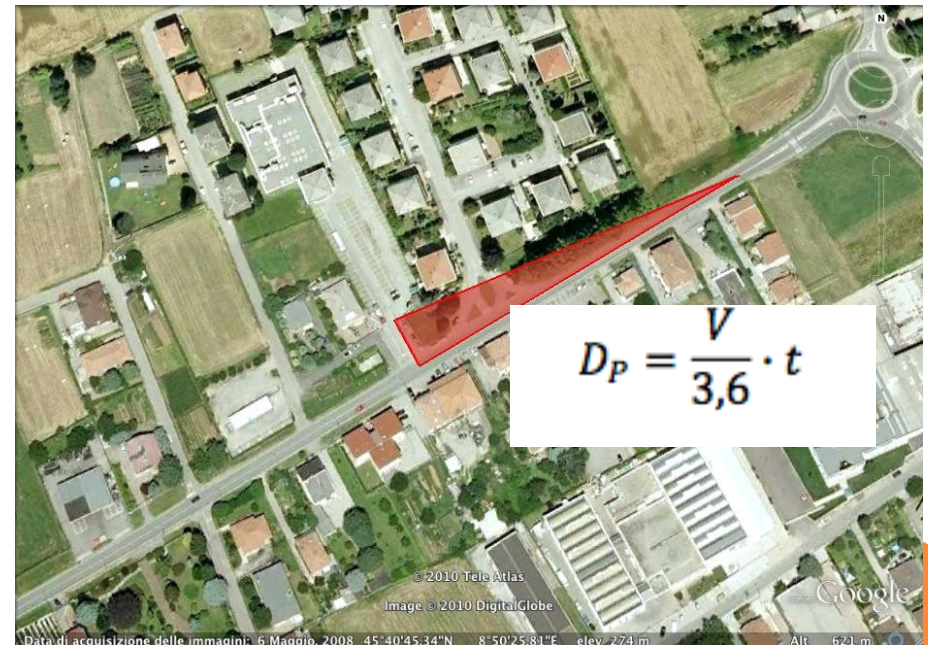
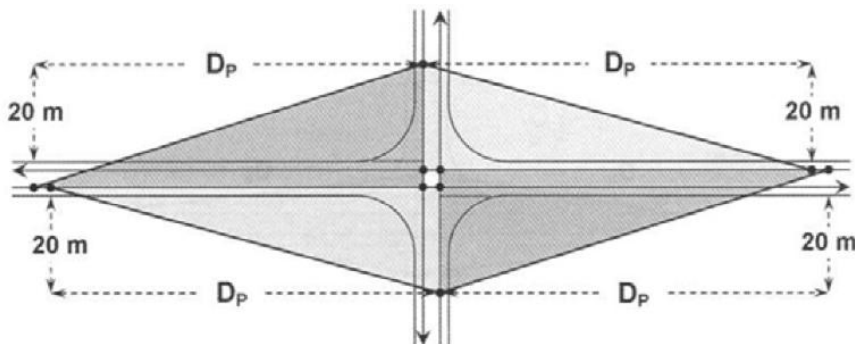
\*From the newspaper LA SETTIMANA 04/12/2009.



### 3. GOAL:

- Partially or totally eliminate the conflict points;
- Improving the visibility triangle from the exit of the parking.

AMBITO URBANO		AMBITO EXTRAURBANO	
V (km/h)	D <sub>P</sub> (m)	V (km/h)	D <sub>P</sub> (m)
50	170	100	335
40	135	80	270
30	100	60	200
25	85		





Supermarket  
"Superdi"

Pub  
"Arcadia"

Supermarket  
"Prestofresco"

© 2010 Europa Technologies  
Image © 2010 DigitalGlobe  
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Google

Data di acquisizione delle immagini: 6 Mag 2008 45°40'46.39" N 8°50'25.49" E 274 m elev

480 m Alt

# 4. SOLUTION TO REMOVE CONFLICT POINTS

Partially → prohibition sign of left turn and continuous strip.



Totally → New Jersey barriers on the centerline of the road.

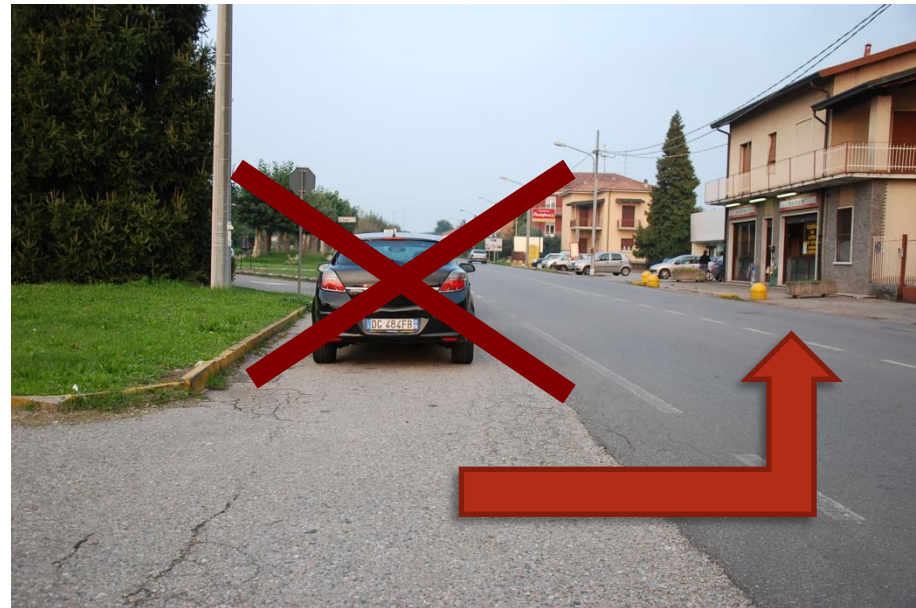




\* Virtual photo

## 4. SOLUTION TO IMPROVE THE VISIBILITY TRIANGLE

- Place no parking barriers.



## 5. EVALUATION

- Pros and cons of signal of obligation

Low costs

The behavior of people

- Pros and cons of New Jersey barrier

Eliminate  
conflict  
points

Produce discomfort to the resident





# KIND OF CAMPAIGN

- Analysis of casualties in the Municipality of Cairate from [www.aci.it](http://www.aci.it) for the period 2006-2008.
- Getting recommendation from Faculty administration (Mr. Luca Studer).
- Asking the locals about their recent experience with the blackspot and their opinion about what should be do.
- Trying to involve the media (Poliversa , La settimana, VareseNotizie...)



Thanks for your attention.

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