

# PROPOSAL OF INTERVENTION TO IMPROVE ROAD SAFETY IN LISBON

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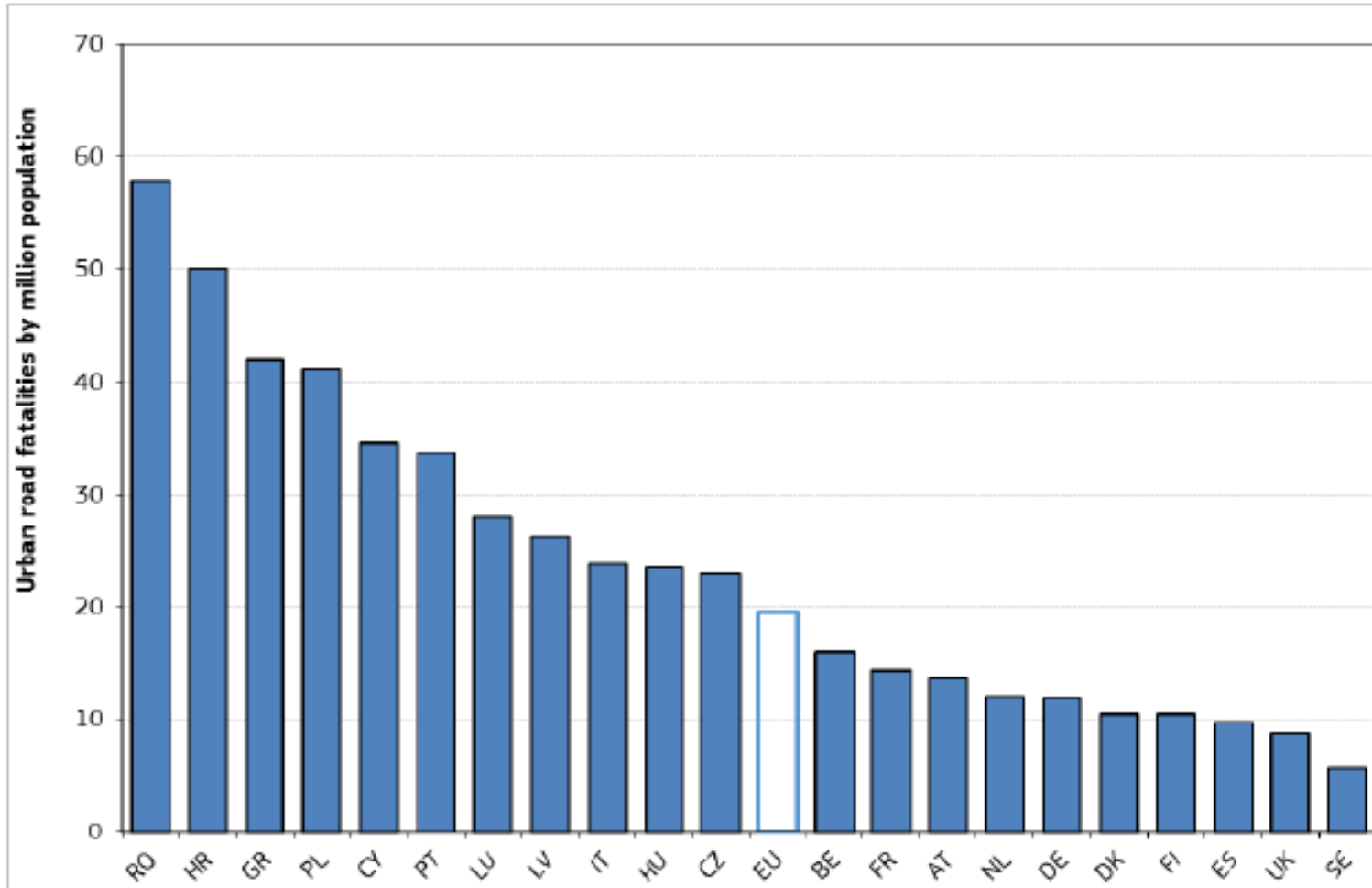
28th of October, 2016

# Lisbon, Portugal

- Capital city of Portugal
- Almost 550 000 inhabitants
- 100 square km area



# Portugal



➔ 60 % decrease in road fatalities since 2001 in Portugal

➔ However, statistics show Portugal over the EU average

Urban Safety rates per million inhabitants by country, 2013 (Source: ERSO)



# Introduction and Context

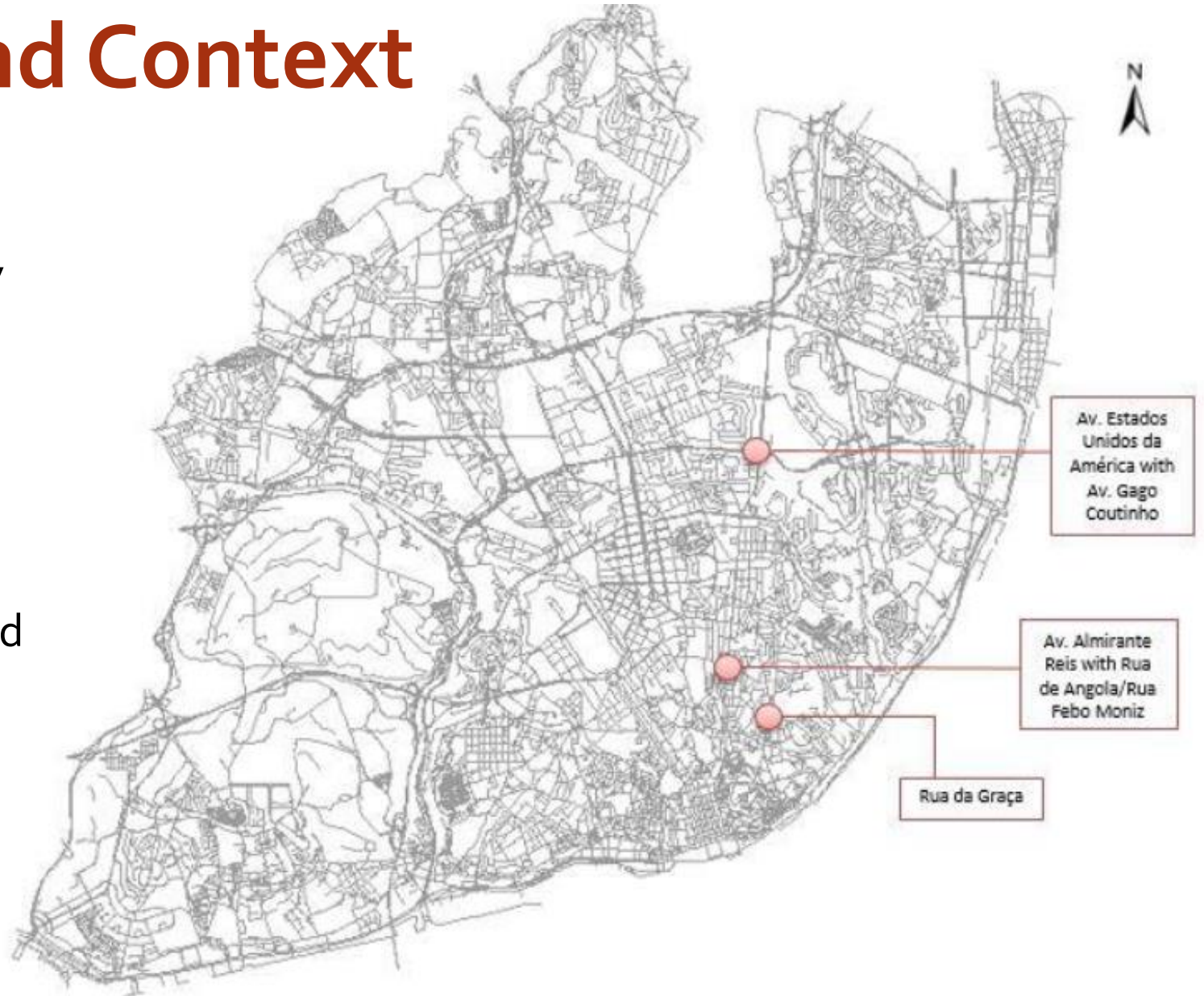
Official data (2004 to 2011) from:

- ANSR (National Authority for Road Safety)
- PSP (Public Security Police)

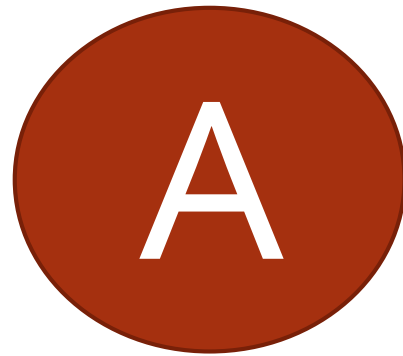
## Analysis:

3 sites were analysed and proposed to attention of municipality;

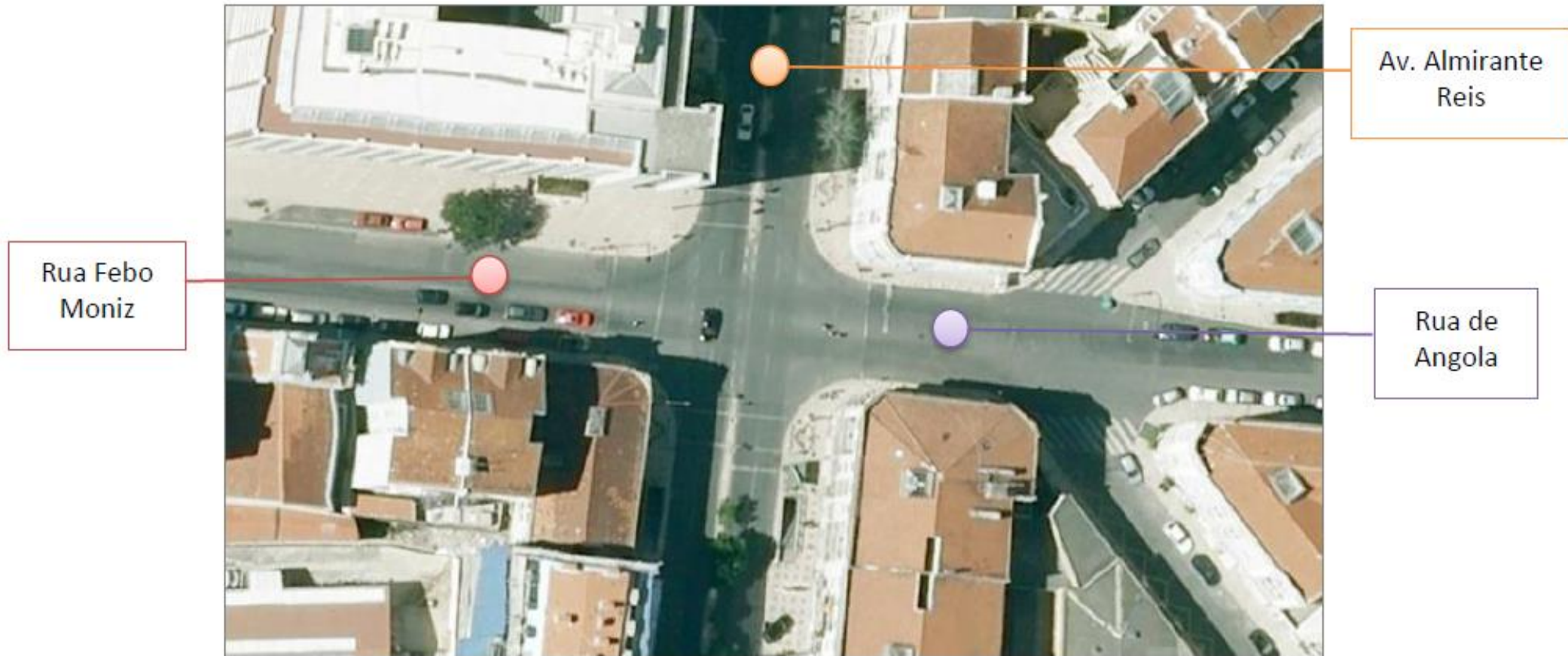
➔ 2 main sites were identified, as suitable targets for solutions;



# PROPOSAL



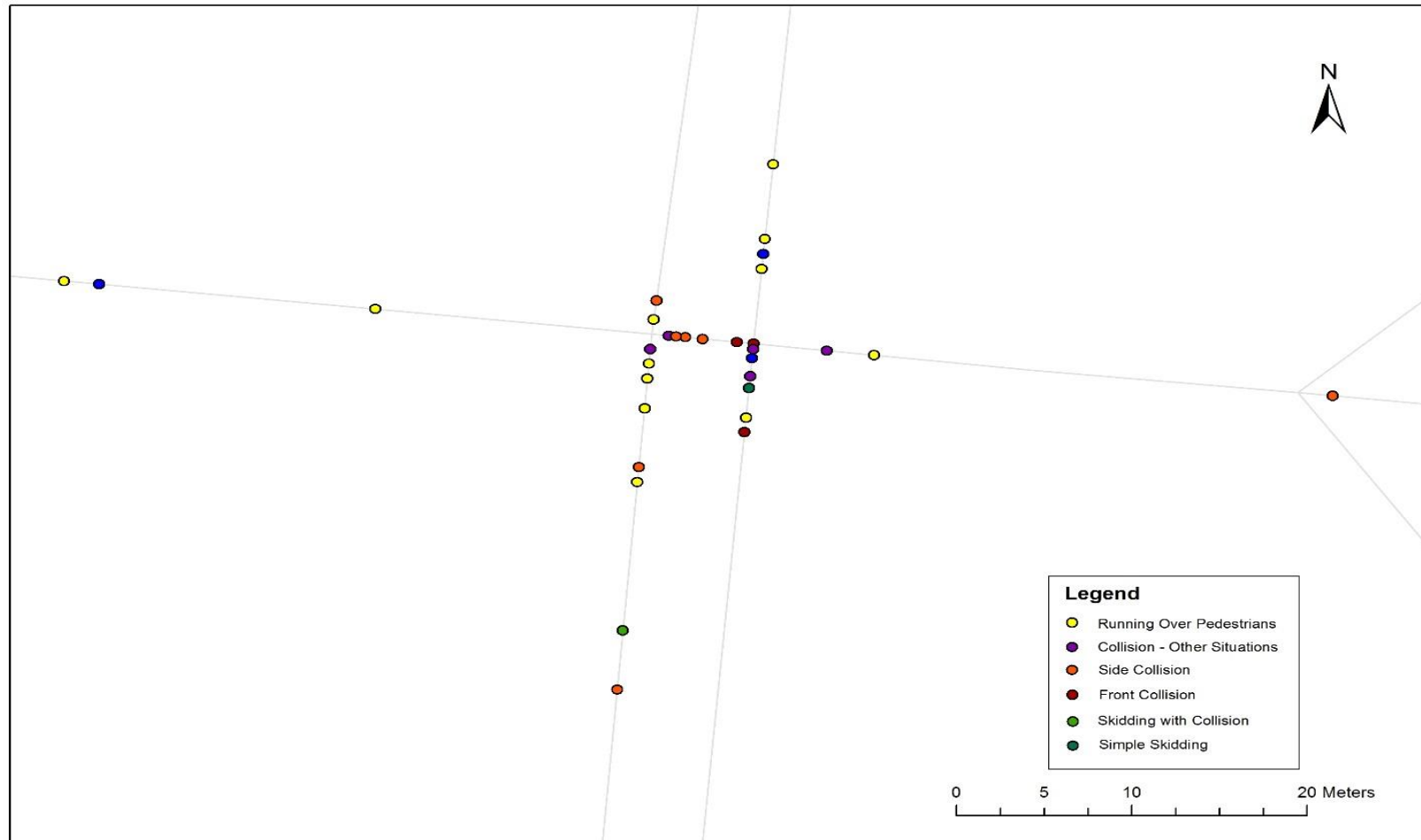
# Proposal A: Description of the site



Aerial view of the intersection between Av. Almirante Reis, Rua de Angola and Rua Febo Moniz streets  
(Source: Google Earth)

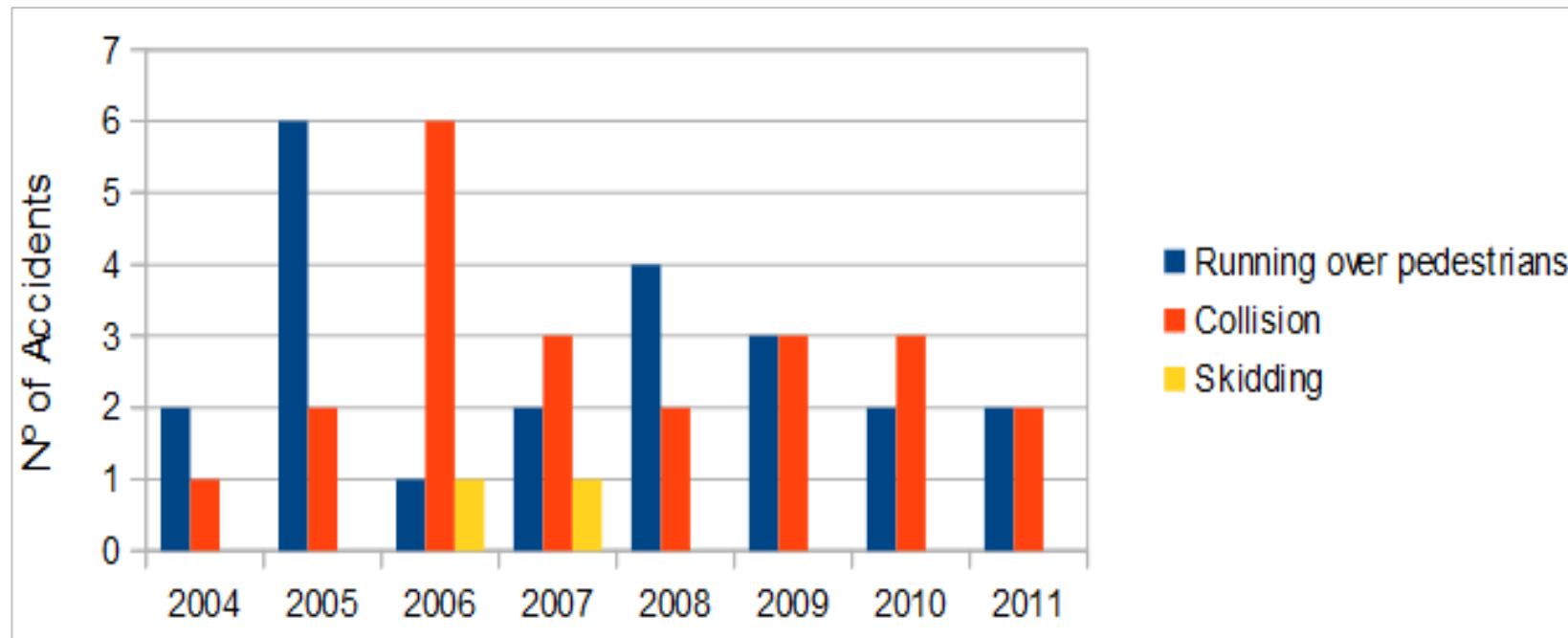
# Proposal A: Description of the site

Graph with the location and type of the occurred accidents, between 2004 and 2011



# Proposal A: Description of the site

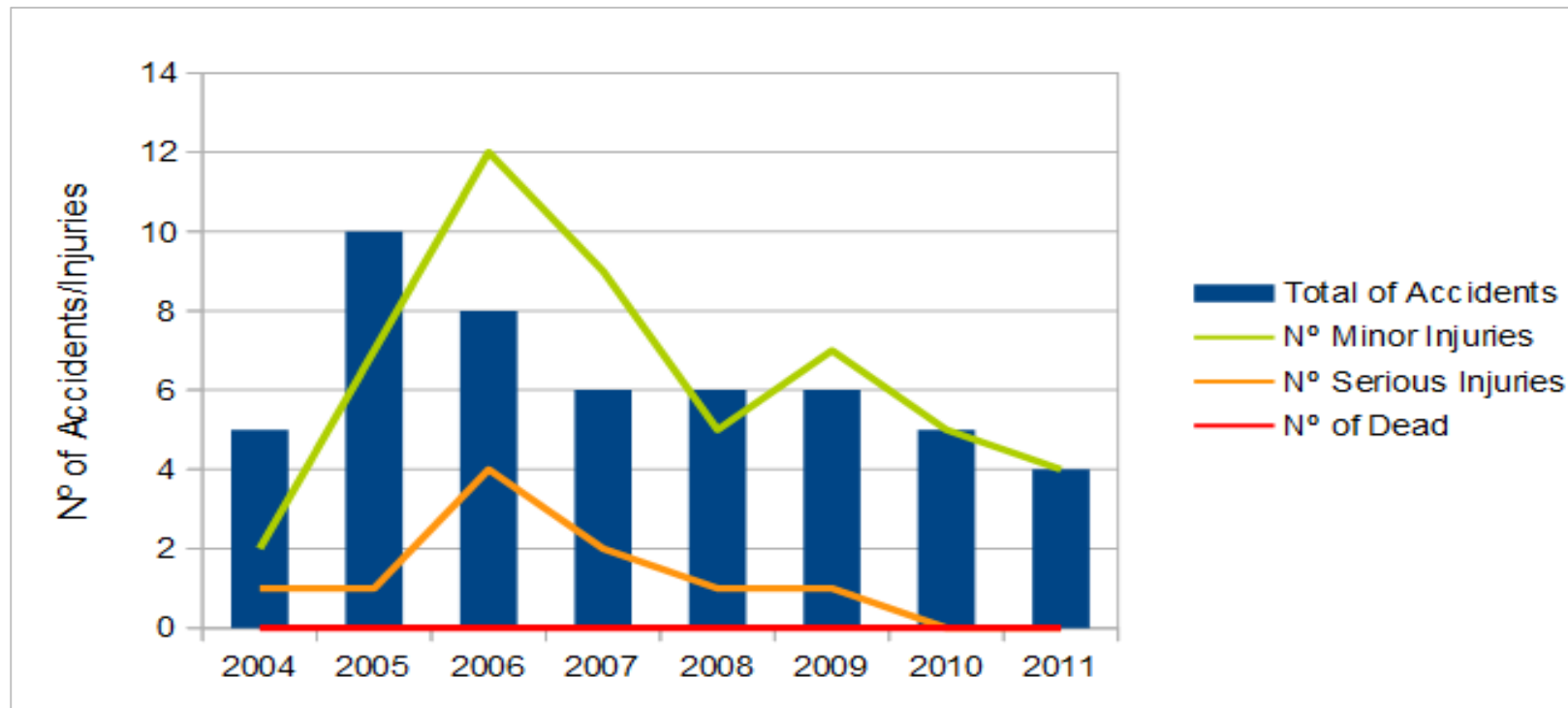
Number of accidents divided by category



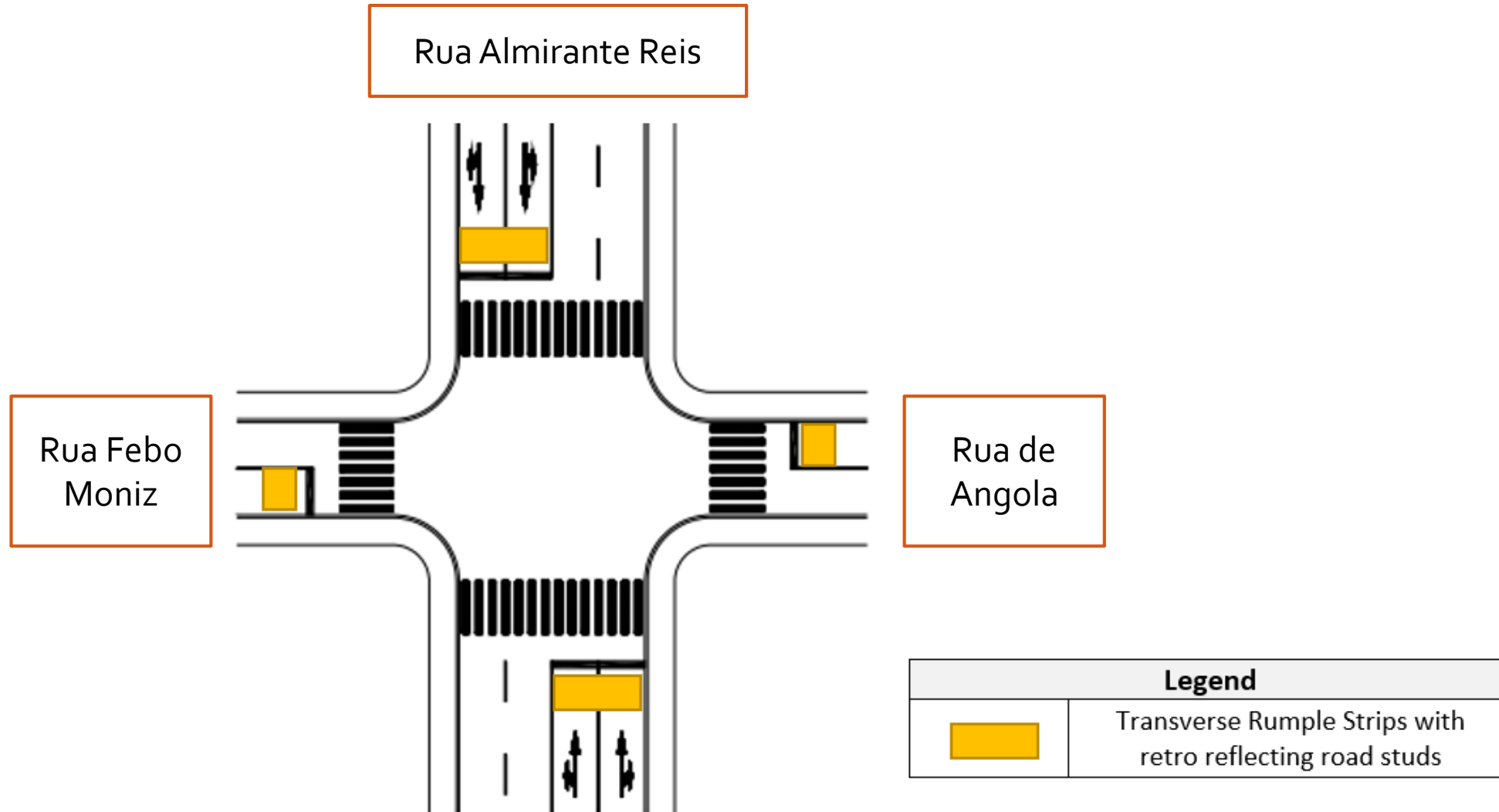


# Proposal A: Description of the site

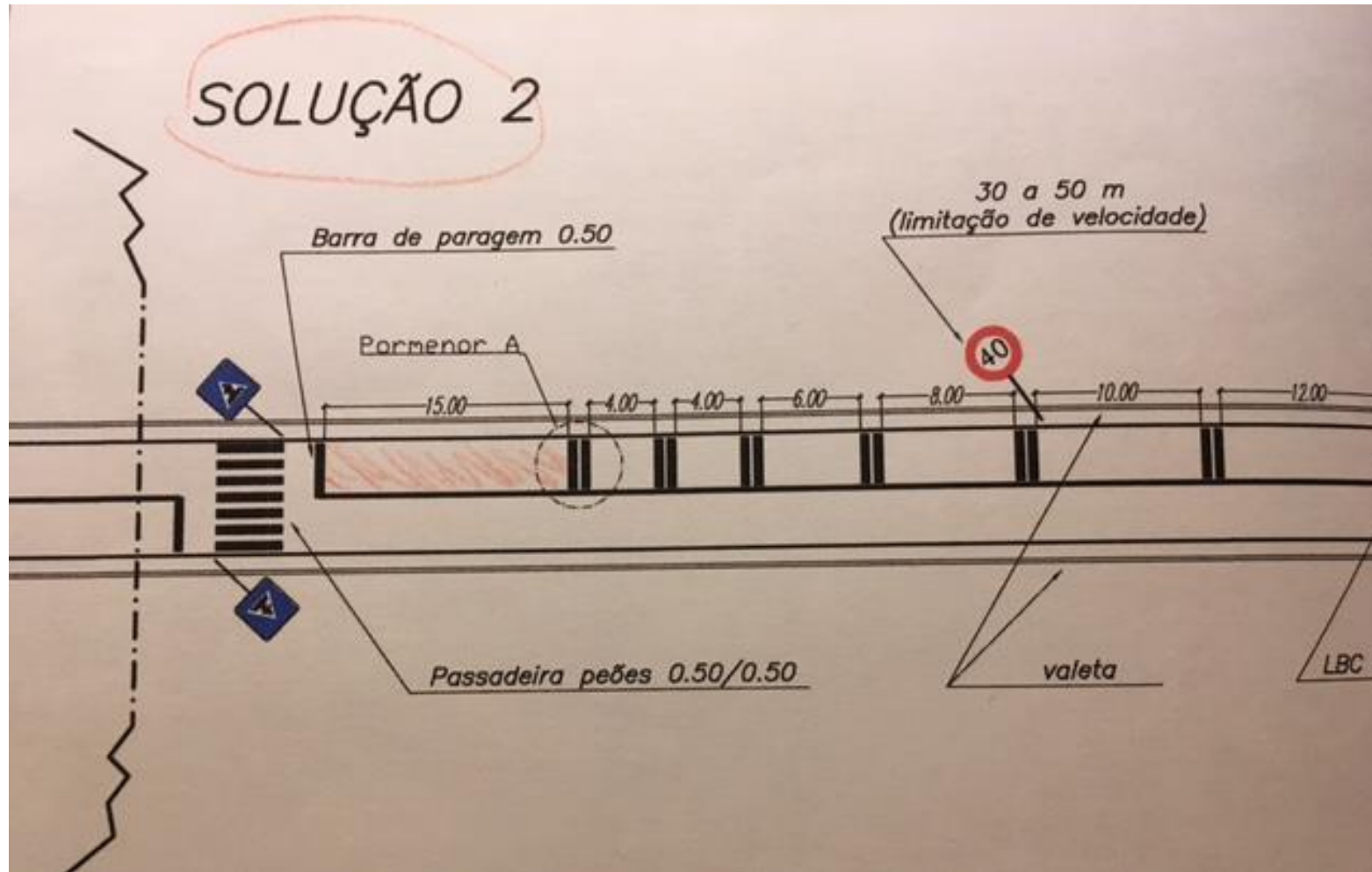
Number of accidents vs number of injuries



# Proposal A: Solution

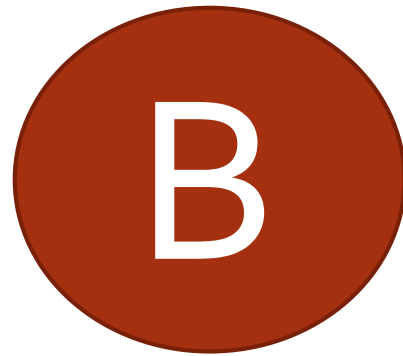


# Proposal A: Solution



Scheme of disposition of the rumble strips

# PROPOSAL





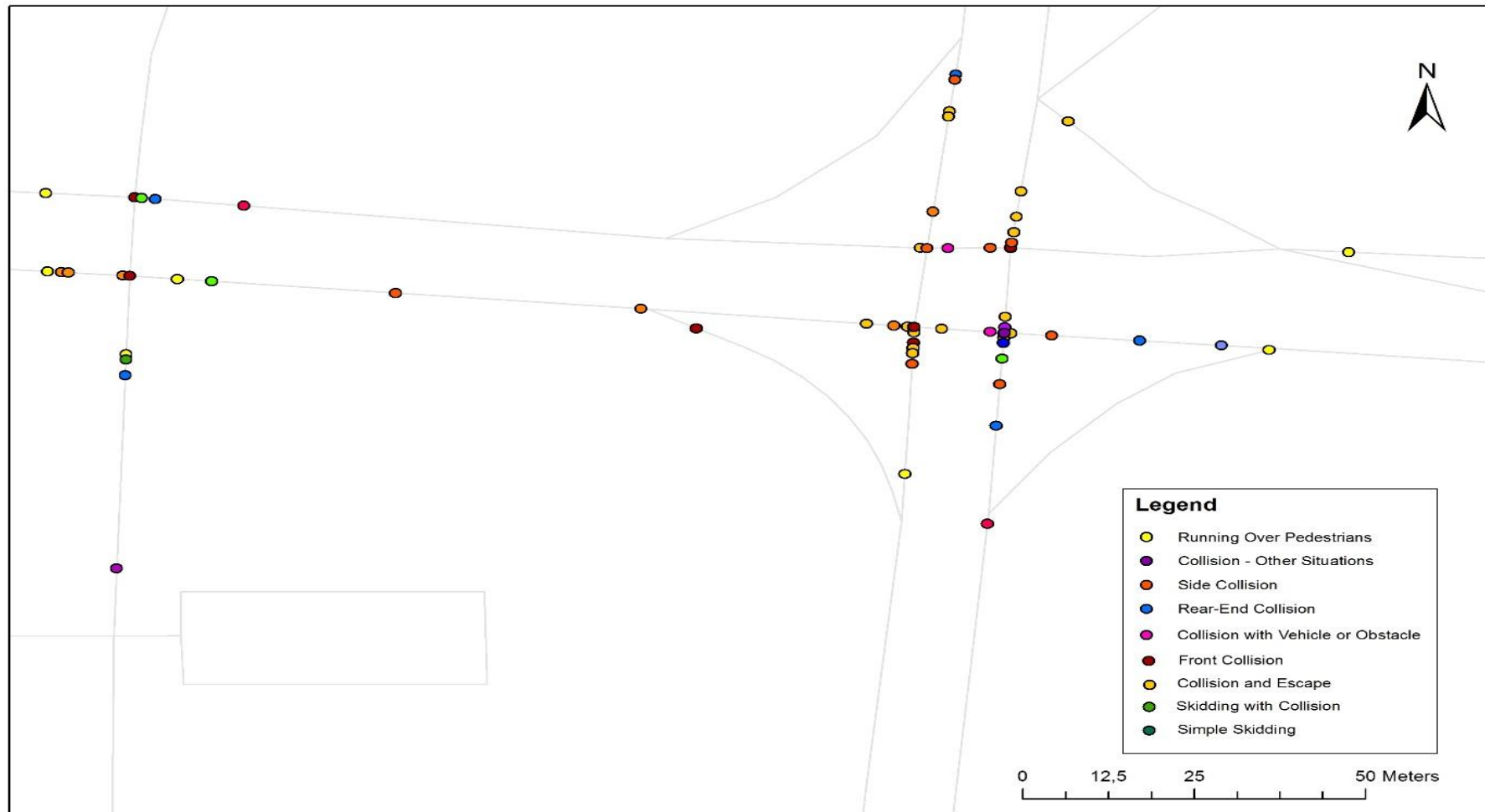
# Proposal B: Description of the site



Aerial view of the intersection between Av. Estados Unidos da América and Av. Gago Coutinho  
(Source: Google Earth)

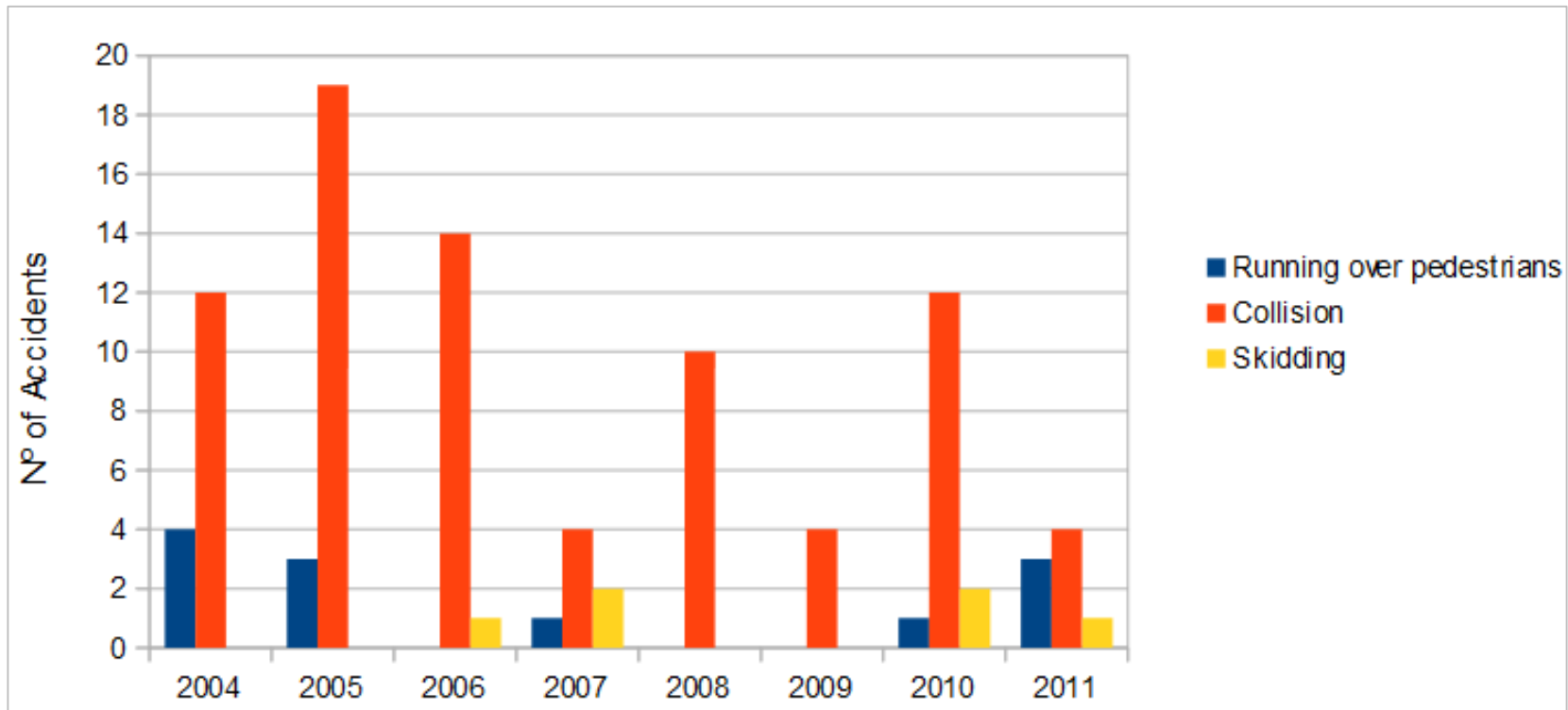
# Proposal B: Main Safety Issues

Graph with the location and type of the occurred accidents, between 2004 and 2011



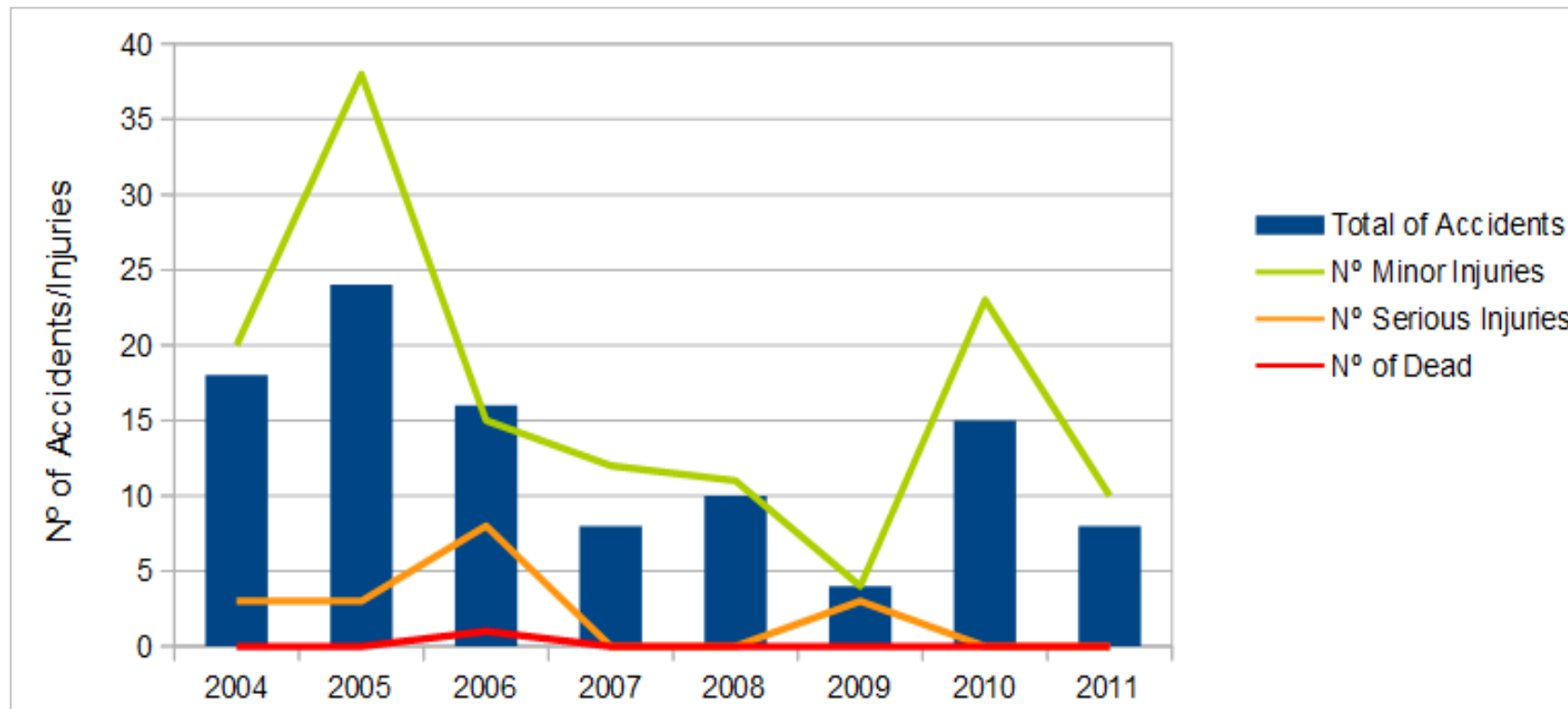
# Proposal B: Main Safety Issues

Number of accidents divided by category



# Proposal B: Main Safety Issues

Number of accidents vs number of injuries



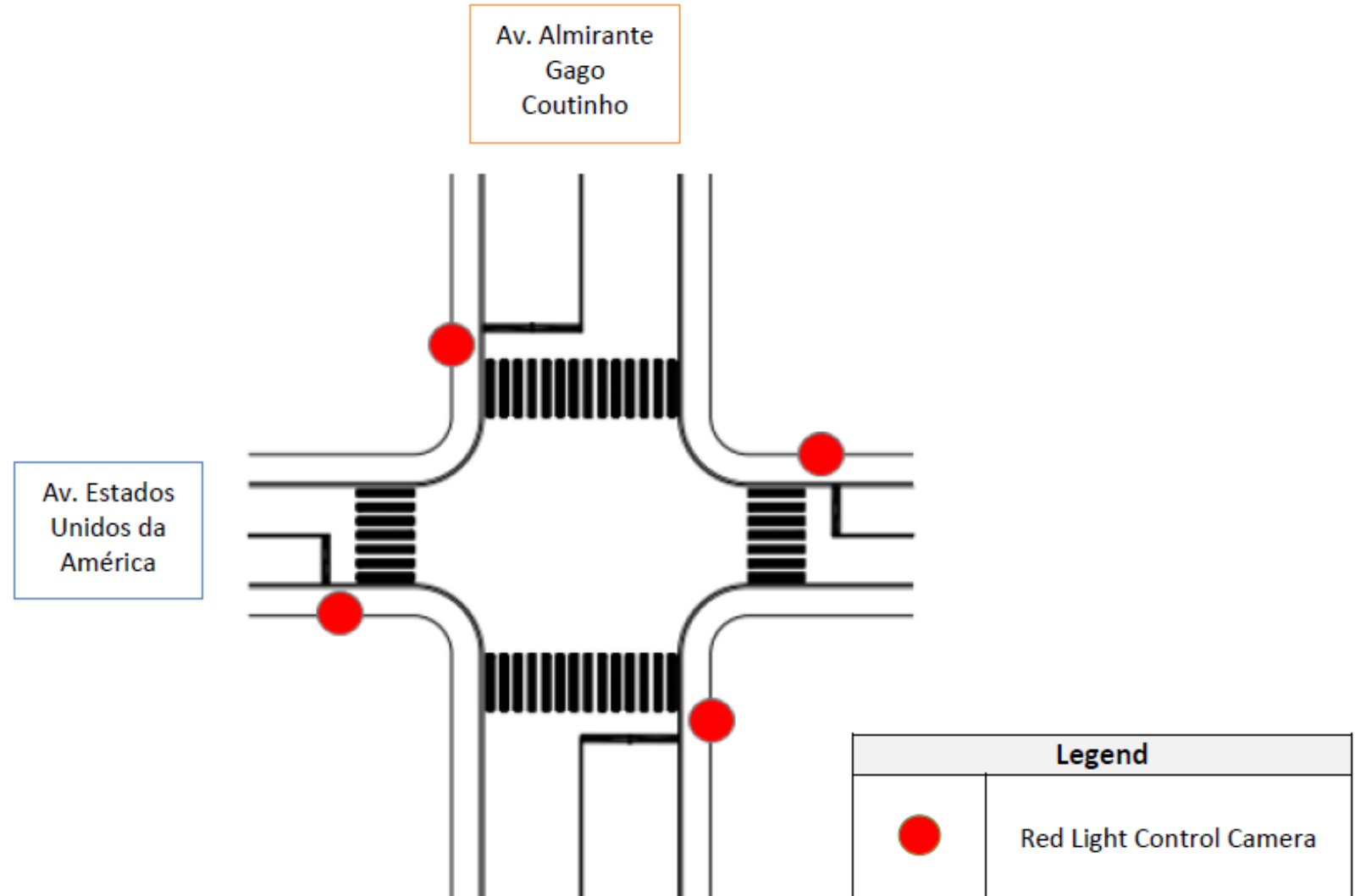


# Proposal B: Solution

No legislative regulation regarding red light control cameras.



Pilot project to assess the benefits and coadiuvate local authority in promoting introduction of regulation.



# Strategy Adopted

## Prepare

- Collection and treatment of data;
- Support of potential partners;
- Aproval and collaboration with local authority;

## Implement

- Realization of the measure;

## Evaluate

- Collection of new data;
- Comparison and analysis of the results;
- Publication of the results;

# Timeline Expected

Activity	oct. 16	nov. 16	dec. 16	jan. 17	feb. 17	mar. 17	apr. 17	may 17	jun. 17	jul. 17	aug. 17	sep. 17	oct. 17	nov. 17	dec. 17
Meetings with the Municipality of Lisbon	Orange	Orange													
Ask for formal support of University		Orange													
First contact with PRP (ETSC Member)		Orange													
First contact with ANSR			Orange												
Collect the missing data (2011-2016)			Orange	Orange	Orange										
Look for stakeholders			Orange	Orange	Orange	Orange	Orange								
1° Progress Report						Blue									
Implementation								Orange	Orange	Orange					
2° Progress Report									Blue						
Municipal elections 2017												Yellow	Yellow		
Measure the results												Orange	Orange		
ETSC Visit												Blue			
Publish the results														Orange	
Final Report															Blue

# Possible Difficulties

## Proposal A

- Contact with possible partners;

## Proposal B

- Legislation development;
  - Cost of measure;



