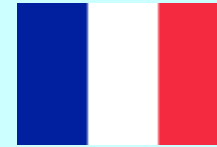
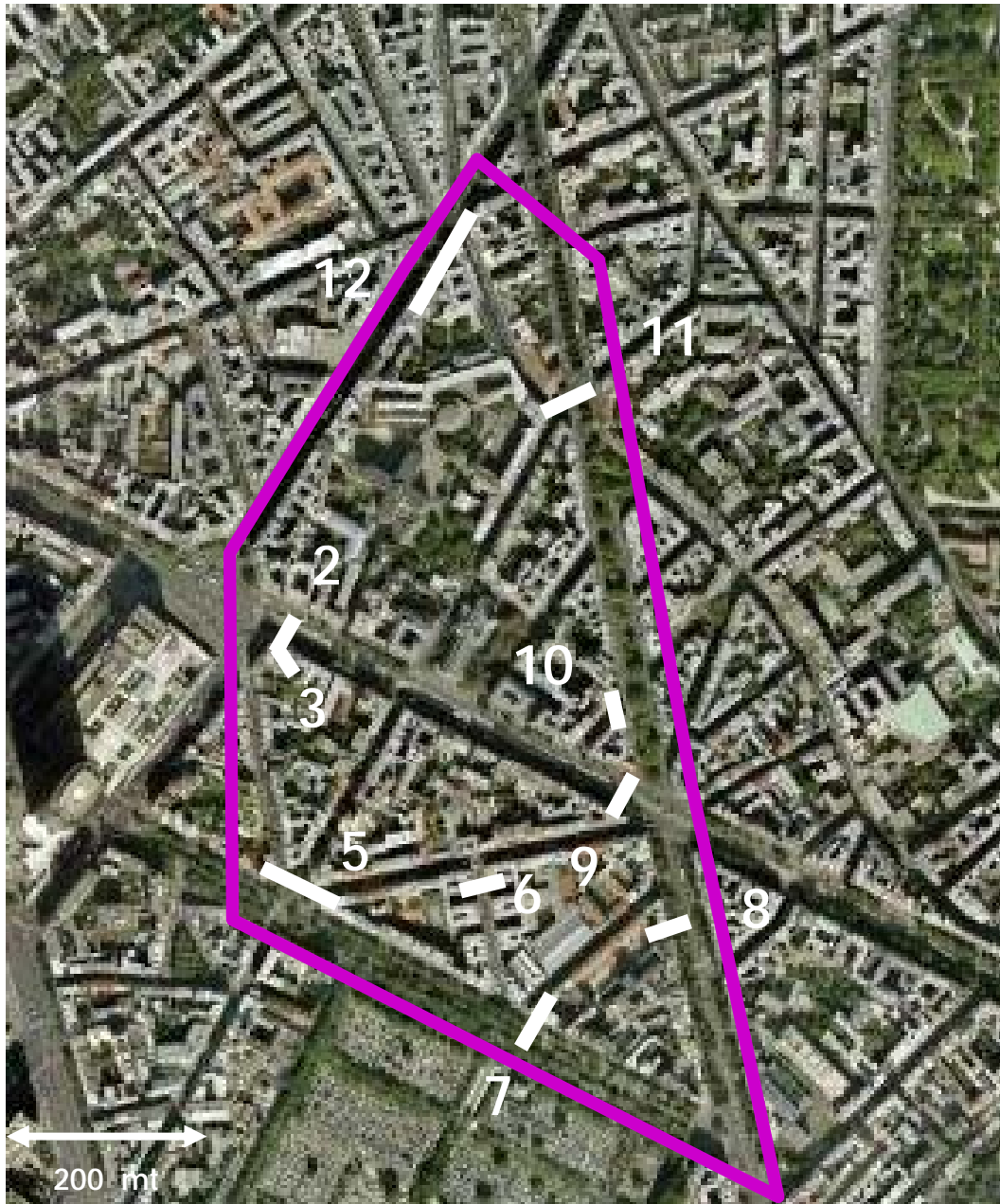


PARIS



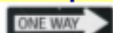









<i>Zone</i>	Montparnasse, Jardin du Luxembourg
<i>Tourist Interest</i>	Montparnasse Station, Cemetery and Tower
<i>Public Transport facilities</i>	Metro 4, 6, 12 e 16 (Montparnasse Bienvenue, Vavin, Notre Dame des- Champs)
<i>Traffic critical points</i>	Boulevard Raspail and Boulevard Montparnasse
<i>Circle Lenght</i>	3,000 mt



PARIS



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<i>Circle Lenght</i>	3,000 mt

CROSSING TYPE							
				One-way road 		Two-ways road 	
				 Signalized	Not Signalized	 Signalized	Not Signalized
	One lane per direction	Crossing at road link					
		Crossing at intersection		10	6		7
	Multi-lane per direction	Crossing at road link					8
		Crossing at intersection		3, 12		2, 9, 11	5

Legend for the SAFETY CATEGORIES



Crossing system



Visibility DAYTIME



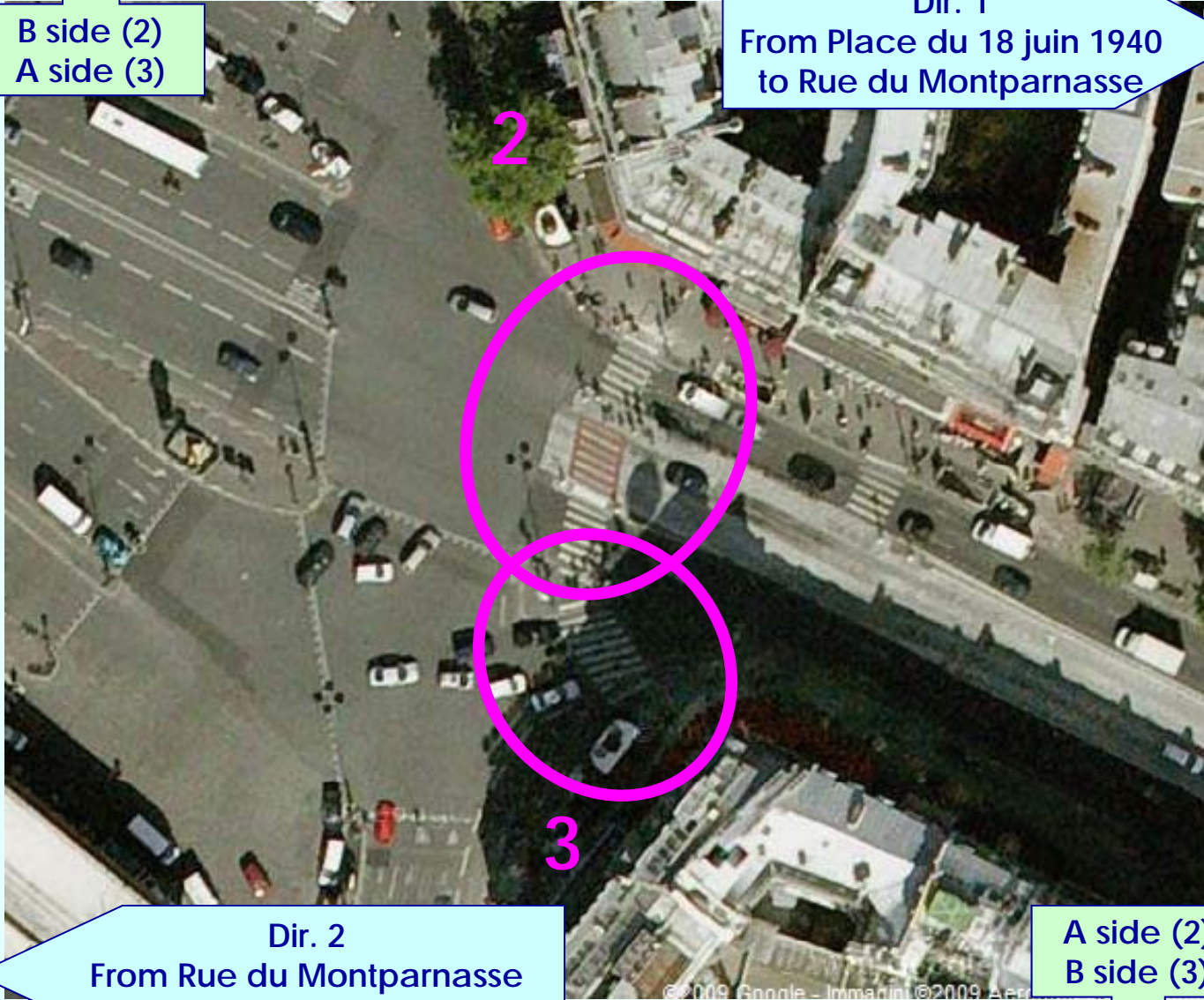
Visibility NIGHTTIME



Accessibility

city: Paris						
Number and Name Pedestrian Crossing		Crossing system	Visibility DAYTIME	Visibility NIGHTTIME	Accessibility	OVERALL EVALUATION
2	Boulevard du Montparnasse intersection Rue de Rennes	0,28750 + Good	0,10000 ++ Very Good	0,08750 ++ Very Good	0,31000 + Good	0,17903 + Good
3	Boulevard du Montparnasse intersection Rue de Rennes	0,35000 0 Acceptable	0,10000 ++ Very Good	0,08750 ++ Very Good	0,11000 ++ Very Good	0,15540 + Good
5	Rue de Montparnasse intersection Boulevard Edgard Quinet	0,61100 - Poor	0,72000 - Poor	0,42500 0 Acceptable	0,38000 0 Acceptable	0,50173 - Poor
6	Square Delambre intersection Rue Delambre	0,28800 + Good	0,72000 - Poor	0,42500 0 Acceptable	0,20000 + Good	0,42744 0 Acceptable
7	Boulevard Edgard Quinet intersection Rue Huyghens	0,48250 0 Acceptable	0,83500 -- Very Poor	0,51250 - Poor	0,26000 + Good	0,52438 - Poor
8	Boulevard Raspail intersection Rue Léopold Robert	0,57250 - Poor	0,32000 + Good	0,14500 ++ Very Good	0,45000 0 Acceptable	0,34678 + Good
9	Boulevard de Montparnasse intersection Boulevard Raspail	0,58000 - Poor	0,10000 ++ Very Good	0,08750 ++ Very Good	0,31000 + Good	0,24630 + Good
10	Rue Vavin intersection Boulevard Raspail	0,45800 0 Acceptable	0,10000 ++ Very Good	0,00000 ++ Very Good	0,53000 - Poor	0,23204 + Good
11	Boulevard Raspail intersection Rue de Montparnasse	0,34000 + Good	0,10000 ++ Very Good	0,08750 ++ Very Good	0,20000 + Good	0,17020 + Good
12	Rue de Vaugirard intersection Rue de Rennes	0,38000 0 Acceptable	0,10000 ++ Very Good	0,00000 ++ Very Good	0,20000 + Good	0,15140 + Good

2 e 3 – Boulevard du Montparnasse intersection Rue de Rennes

<i>crossing type</i>	
2 <ul style="list-style-type: none">▪ Two-ways road▪ Multi-lane per direction▪ Crossing at intersection▪ Signalized	 <p>Dir. 1 From Place du 18 juin 1940 to Rue du Montparnasse</p> <p>Dir. 2 From Rue du Montparnasse to Place du 18 juin 1940</p> <p>B side (2) A side (3)</p> <p>A side (2) B side (3)</p>
3 <ul style="list-style-type: none">▪ One-way road▪ Multi-lane per direction▪ Crossing at intersection▪ Signalized	

2 – Boulevard du Montparnasse intersection Rue de Rennes

Crossing Security in relation to

General features

+ Good

Visibility DAYTIME

++ Very Good

Visibility NIGHTTIME

++ Very Good

Accessibility

+ Good

OVERALL EVALUATION

+ Good

Strengths

Good nighttime lighting conditions
Good overall maintenance conditions

Weaknesses

Narrow refuge islands compared with heavy pedestrian traffic do not help accessibility



3 – Boulevard du Montparnasse intersection Rue de Rennes

Crossing Security in relation to

General features

O Acceptable

Visibility DAYTIME

++ Very Good

Visibility NIGHTTIME

++ Very Good

Accessibility

++ Very Good

OVERALL EVALUATION

+ Good

Strengths

Weaknesses

Reduced visibility due to curving road and parked vehicle on side B



5 – Rue de Montparnasse intersection Boulevard Edgard Quinet



crossing type

- Two-ways road
- Multi-lane per direction
- Crossing at intersection
- Not signalized

5 – Rue de Montparnasse intersection Boulevard Edgar Quinet

Crossing Security in relation to

General features

– Poor

Visibility DAYTIME

– Poor

Visibility NIGHTTIME

○ Acceptable

Accessibility

○ Acceptable

OVERALL EVALUATION

– Poor

Strengths

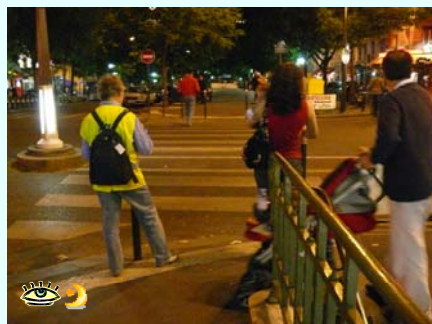
Good overall nighttime lighting conditions

Weaknesses

Reversed traffic directions do not help pedestrian safety

Legally parked vehicles do not help visibility on side A

Small shadow zones at night due to light partially hidden by tree branches



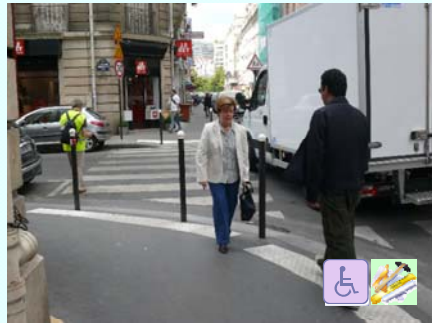
6 – Square Delambre intersection Rue Delambre



crossing type

- One-way road
- One lane per direction
- Crossing at intersection
- Not Signalized

6 – Square Delambre intersection Rue Delambre



Crossing Security in relation to

General features

+ Good

Visibility DAYTIME

- Poor

Visibility NIGHTTIME

O Acceptable

Accessibility

+ Good

OVERALL EVALUATION

O
Acceptable

Strenghts

Speed cushion forces vehicles to slow down

Weaknesses

Legally parked vehicles do not help visibility for left-turning vehicles

7 – Boulevard Edgard Quinet intersection Rue Huyghens

B side

Dir. 1
From Rue Huyghens
to Boulevard Raspail

crossing type

- Two-ways road
- One lane per direction
- Crossing at intersection
- Not Signalized



Dir. 2
From Boulevard Raspail
to Rue Huyghens

A side

7 – Boulevard Edgard Quinet intersection Rue Huyghens

Crossing Security in relation to

General features

O Acceptable

Visibility DAYTIME

-- Very Poor

Visibility NIGHTTIME

- Poor

Accessibility

+ Good

OVERALL EVALUATION

- Poor

Strengths

Good overall nighttime lighting conditions

Weaknesses

Parked vehicles closed to pedestrian island obstruct visibility; suggested solution: pedestrian island with curb extensions
Small shadow zones at night due to light partially hidden by tree branches



8 – Boulevard Raspail intersection Rue Léopold Robert



crossing type

- Two-ways road
- Multi-lane per direction
- Crossing at road link
- Not Signalized

8 – Boulevard Raspail intersection Rue Léopold Robert

Crossing Security in relation to

General features

■ Poor

Visibility DAYTIME

+ Good

Visibility NIGHTTIME

++ Very Good

Accessibility

O Acceptable

OVERALL EVALUATION

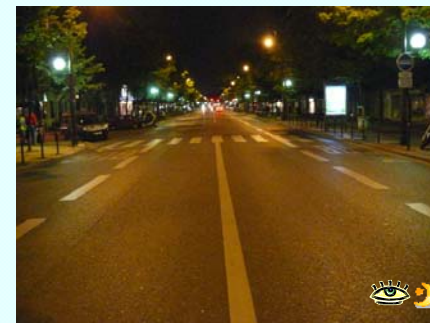
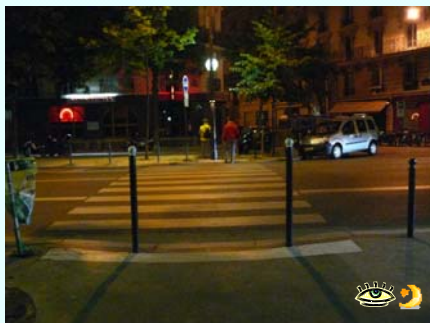
+ Good

Strengths

Good overall nighttime lighting conditions

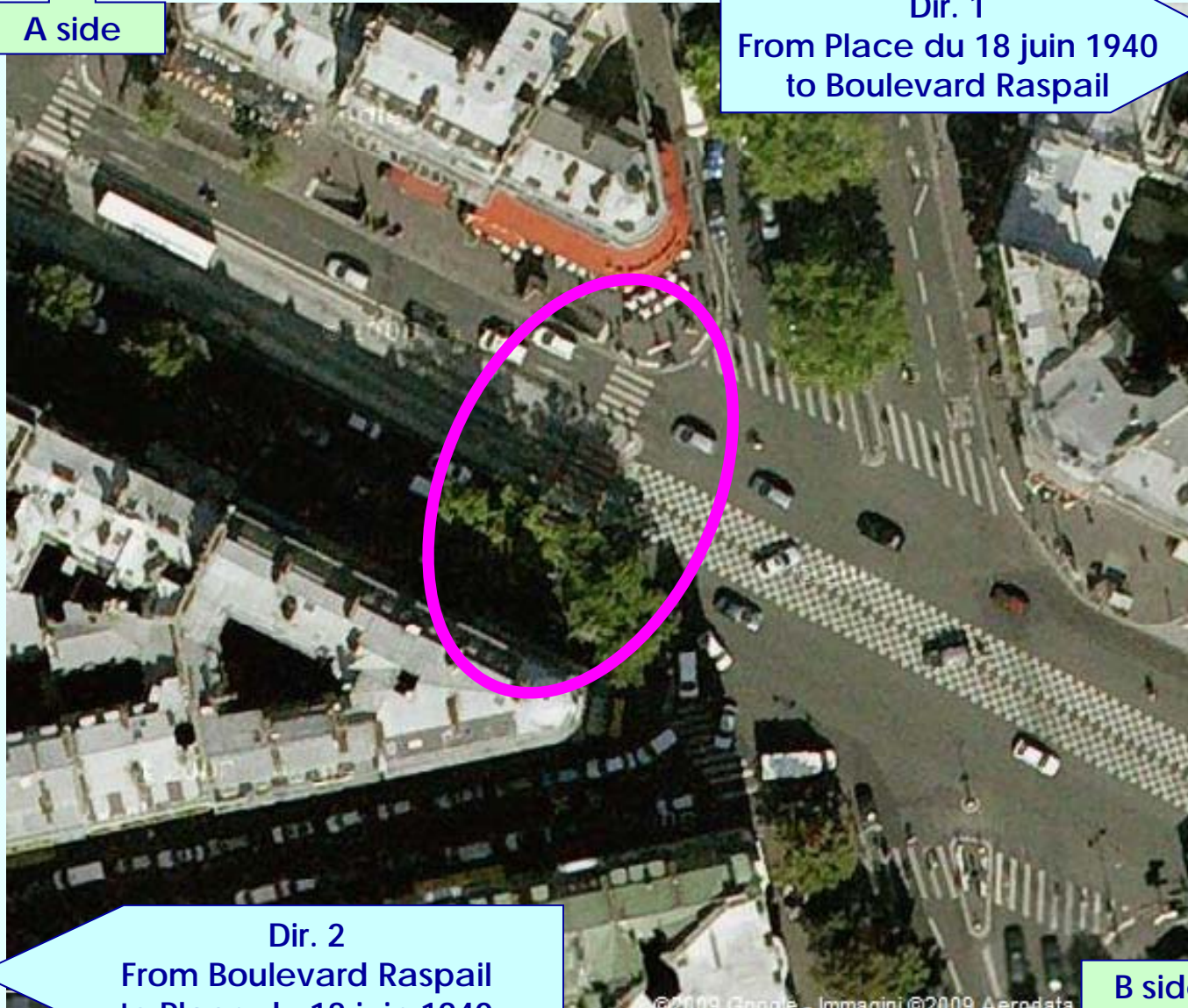
Weaknesses

Speeding vehicles do not help pedestrian safety;
suggested solution: traffic light or pedestrian island in the middle of the crossing.
No traffic signs
Small shadow zones at night due to light partially hidden by tree branches



9 – Boulevard de Montparnasse intersection Boulevard Raspail

A side



crossing type

- Two-ways road
- Multi-lane per direction
- Crossing at intersection
- Signalized

9 – Boulevard de Montparnasse intersection Boulevard Raspail

Crossing Security in relation to

General features

■ Poor

Visibility DAYTIME

++ Very Good

Visibility NIGHTTIME

++ Very Good

Accessibility

+ Good

OVERALL EVALUATION

+ Good

Strengths

Good traffic light cycle operations (length and rotation)
Good overall nighttime lighting conditions

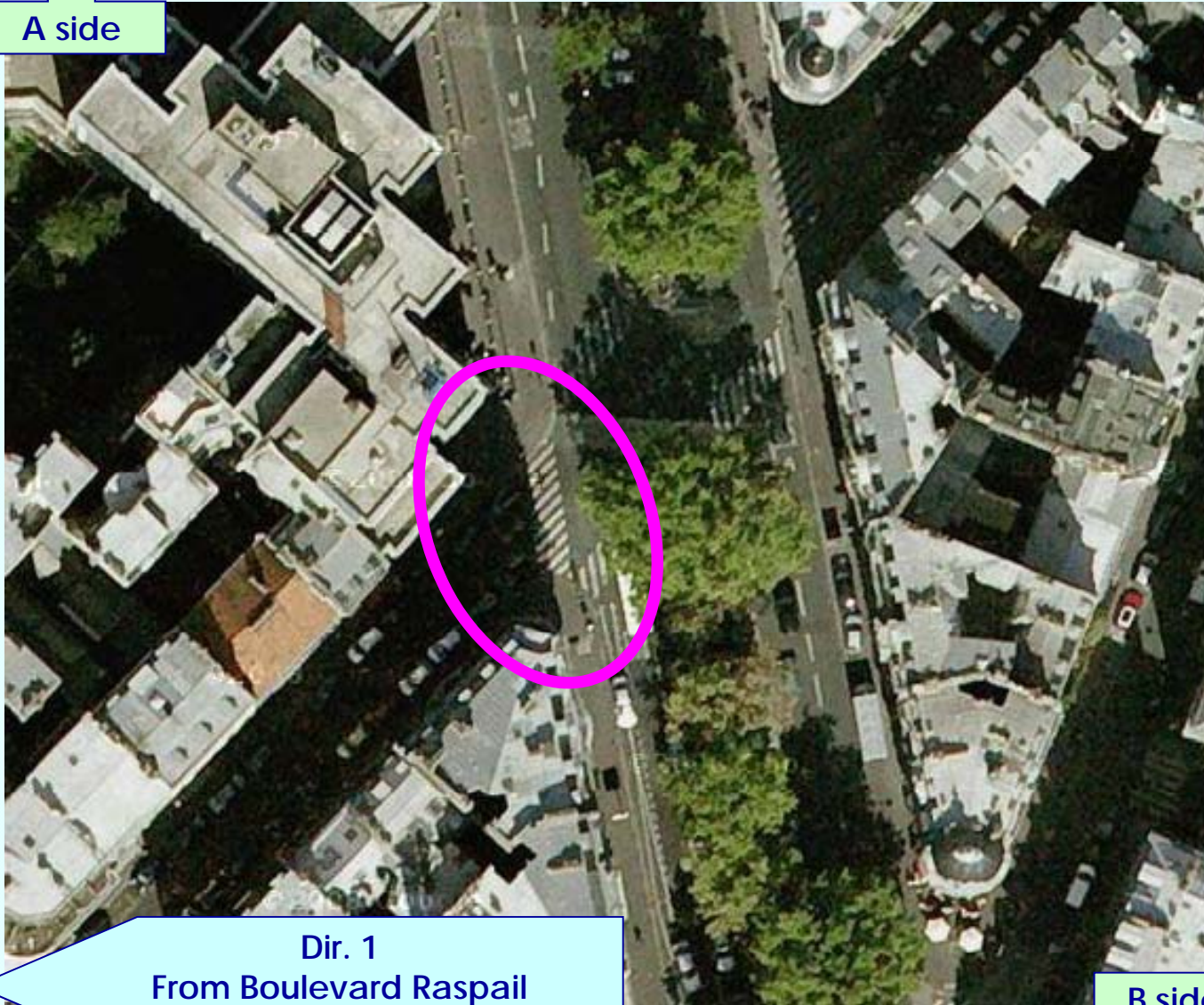
Weaknesses

Right-turning and left-turning vehicles meet pedestrians with green phase on side A



10 – Rue Vavin intersection Boulevard Raspail

A side



Dir. 1
From Boulevard Raspail
to Boulevard de Montparnasse

B side

crossing type

- One-way road
- One lane per direction
- Crossing at intersection
- Signalized

10 – Rue Vavin intersection Boulevard Raspail

Crossing Security in relation to

General features

O Acceptable

Visibility DAYTIME

++ Very Good

Visibility NIGHTTIME

++ Very Good

Accessibility

- Poor

OVERALL EVALUATION

+ Good

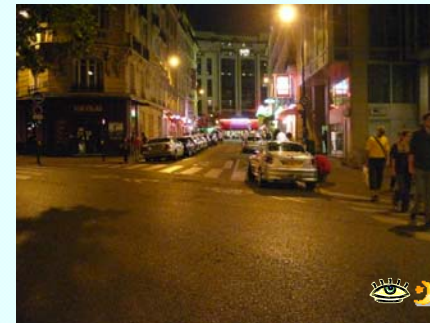
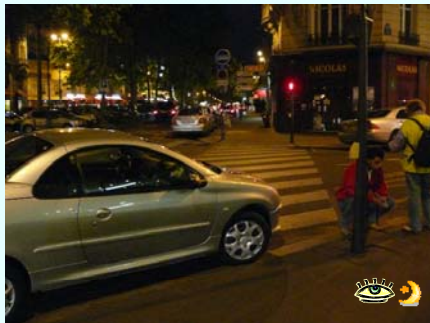
Strengths

Good visibility conditions for all vehicles approaching the crossing

Weaknesses

Right-turning and left-turning vehicles meet pedestrians with green phase

Illegally parked vehicles obstruct accessibility on side A both at night and during the day



11 – Boulevard Raspail intersection Rue de Montparnasse



crossing type

- Two-ways road
- Multi-lane per direction
- Crossing at intersection
- Signalized

11 – Boulevard Raspail intersection Rue de Montparnasse

Crossing Security in relation to

General features

+ Good

Visibility DAYTIME

++ Very Good

Visibility NIGHTTIME

++ Very Good

Accessibility

+ Good

OVERALL EVALUATION

+ Good

Strengths

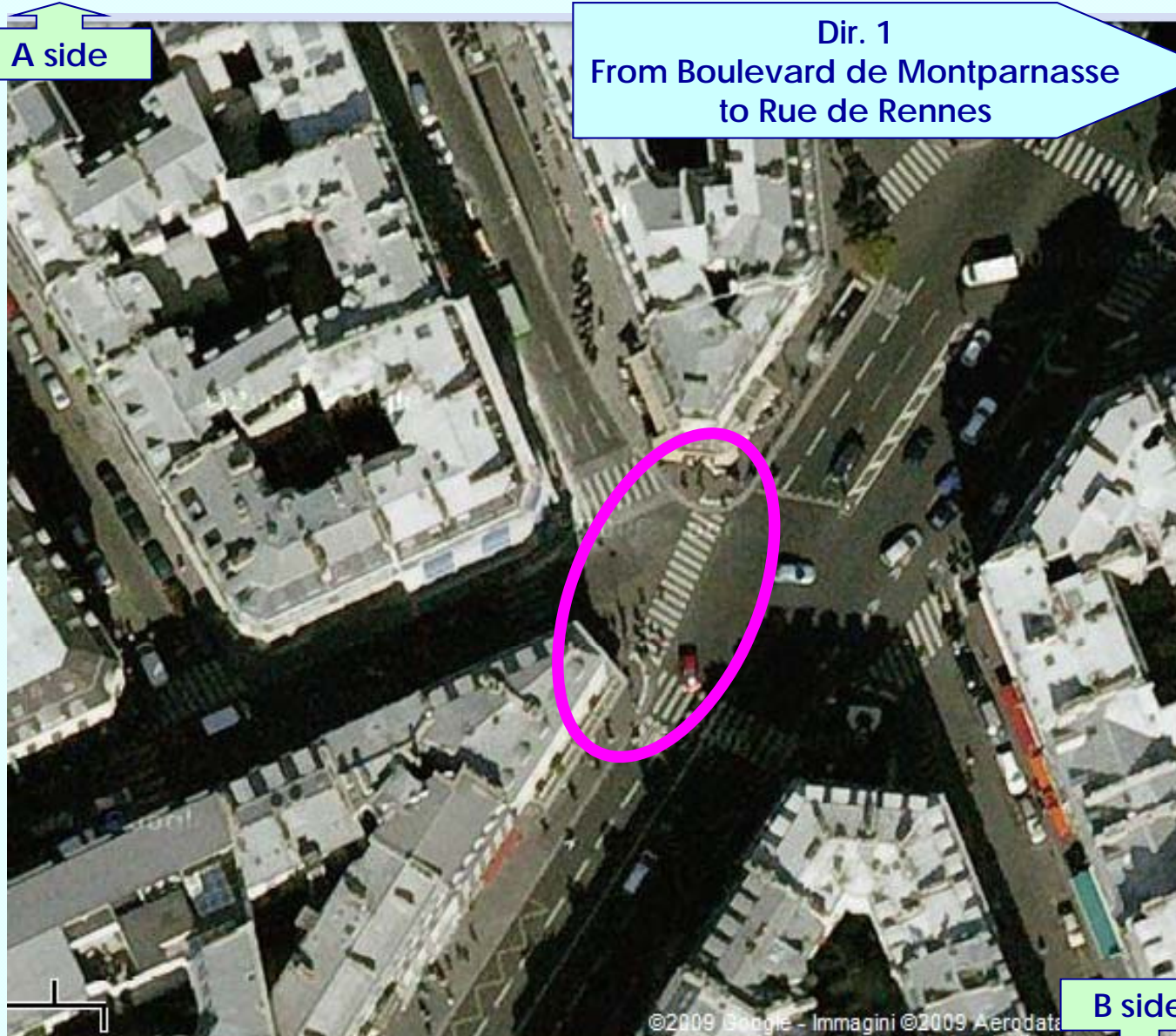
Good overall nighttime lighting conditions

Weaknesses

Left-turning vehicles meet pedestrians with green phase
Small shadow zones at night due to light partially hidden by tree branches



12 – Rue de Vaugirard intersection Rue de Rennes



crossing type

- One-way road
- Multi-lane per direction
- Crossing at intersection
- Signalized

12 – Rue de Vaugirard intersection Rue de Rennes

Crossing Security in relation to

General features

O Acceptable

Visibility DAYTIME

++ Very Good

Visibility NIGHTTIME

++ Very Good

Accessibility

+ Good

OVERALL EVALUATION

+ Good

Strengths

Good visibility conditions for all vehicles approaching the crossing

Weaknesses

Traffic light pole obstructs accessibility on side A
Good overall nighttime lighting conditions

