



European Transport Safety Council
Roads to Respect



M - 18 Black spot

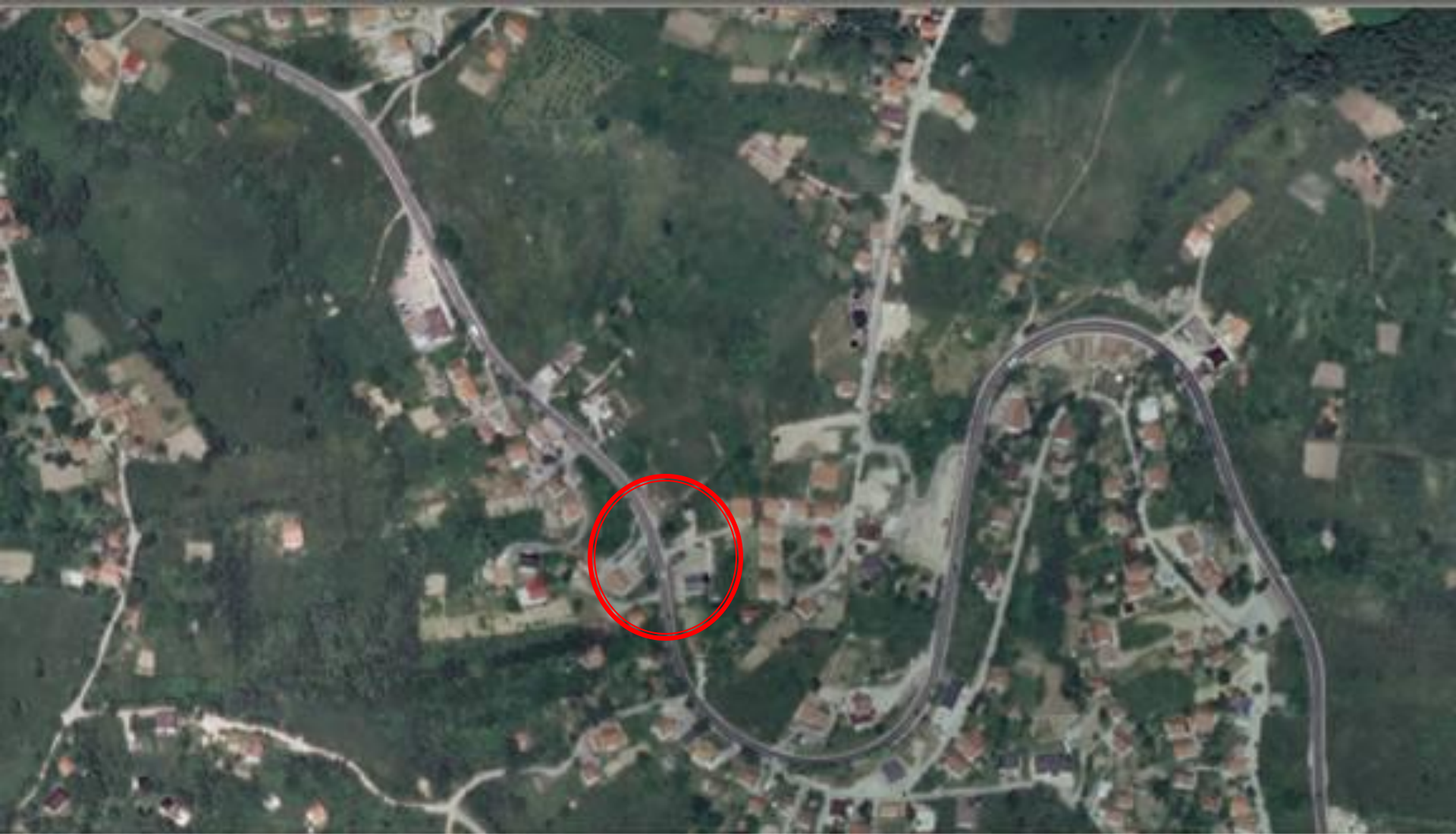
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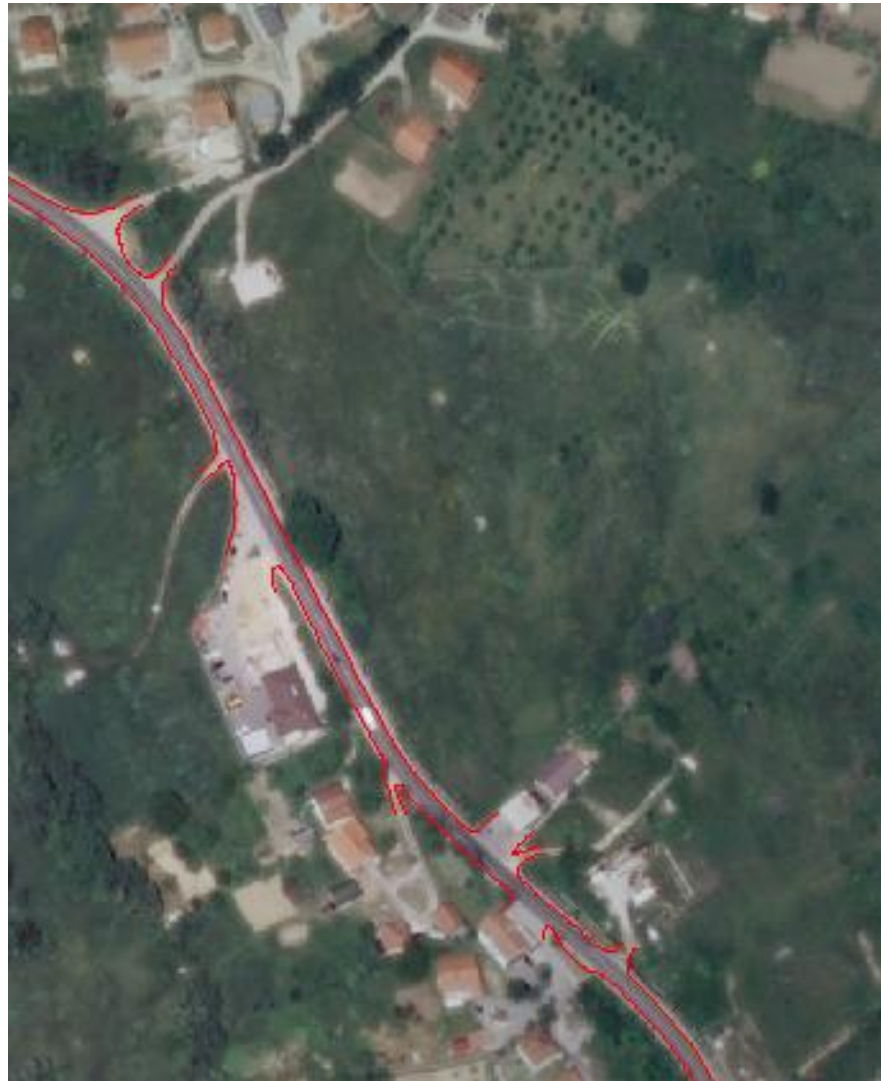
Bosnia and Herzegovina



Main road M-18



111 – 114 km



Accident data

Number of traffic accidents on highway M - 18, location Gornji Hotonj with the consequences for 2007., 2008., 2009. year

Highway M – 18	Section	Kind of traffic accident			Injured persons			
		With material damage	With injured persons	Total number of accidents	Driver	Passe- nger	Pede- strian	Total number of injured persons
					minor injuries	minor injuries	minor injuries	minor injuries
2007. year	Gornji Hotonj	20	4	24	4			4
2008. year	Gornji Hotonj	23	6	29	3	3		6
2009. year	Gornji Hotonj	25	6	31	3	2	1	6

Why is it dangerous?

1. Missing protective crash barrier

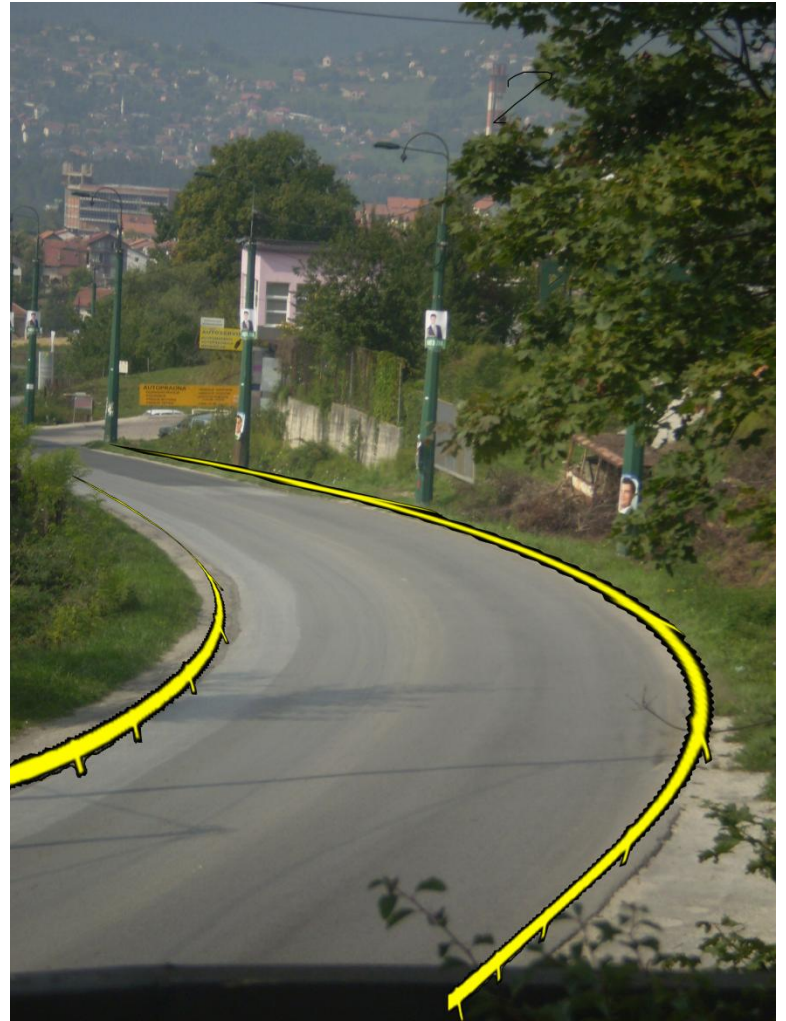


Consequence

- Vehicles get off from the road



Solution



2. Lack of adequate road markings



Consequence



Solution



3. Vicinity of street lighting



Consequence



Solution

- Collapsible lighting columns and signs, mounted on shear bolts or made of yielding material and designed for electrical safety.

4. Ditch and a water source near the road



Consequence

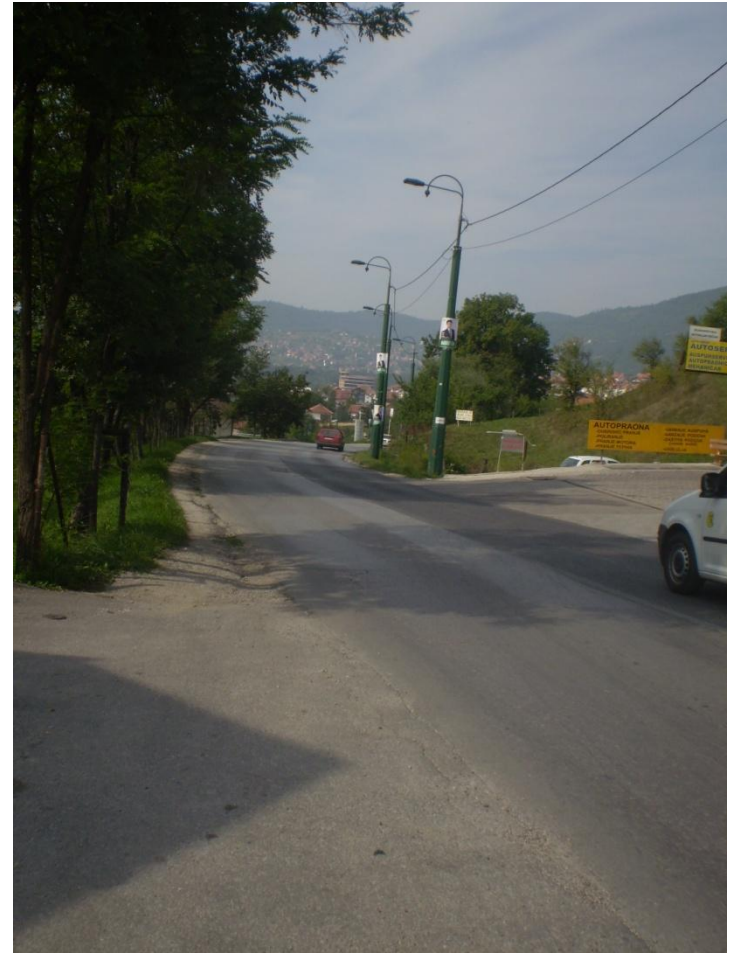


Solution

- Set the grid and provide the best possible drainage



5. Problem is the pavement surfacing done with improper slope



Consequence

- This problem is the most common cause of accidents, especially in the winter



Solution



- Do the road with a slope cons 3%

Low – cost measures

1. Installation of crash barriers
2. Improvement of lighting, markings and signs
3. Collapsible lighting columns and signs, mounted on shear bolts or made of yielding material and designed for electrical safety
4. Improvement of winter maintenance

Campaign

The infrastructure should prevent collisions of moving objects with large differences in direction, speed, and mass and should also inform the road user what behaviour is expected.

Campaign includes relevant stakeholders:

- Local authorities (Police, Municipalities)
- Larger companies
- Local bussinesspersons
- Road administration
- Universities
- Citizens
- Mass media

Dr Joanne Hill, head of the UK's Campaign for Safe Road Design says:

"A safe road needs road users who obey traffic law, manufacturers who provide safe vehicles and authorities who provide safe roads."

Thank you for your attention

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