

Annexure A – Questionnaires and experiment protocol

Preceding questionnaire.

1. What is your age (years).
2. Gender.
3. What is your driving experience (years).
4. What car do you usually drive (model and/or type).
5. In what area do you usually drive in average (% , sum=100%):
 - a. big city
 - b. rural
 - c. highway
6. How many kilometers per year do you usually drive?
7. On your opinion, to what extent do you follow traffic sign instructions?
 - a. Follow all of them
 - b. Try to follow all of them but sometimes neglect because of the circumstances
 - c. Try to follow all of them but sometimes do not notice some
 - d. Neglect traffic signs
8. Have you ever disregarded traffic sign instruction on purpose?
 - a. No, or almost never (rarely, unintentionally)
 - b. Yes, few times
 - c. Yes, sometimes
 - d. Regularly
9. If you happen to disregard the traffic sign, why would that be:
 - a. You don't consider it is important
 - b. It seems out of date (for ex. speed imitation to road works)
 - c. You consider it is important but feel safe driving without following it
 - d. Only by mistake – you may have considered it was no longer in action or you did not notice it
 - e. You forgot about it because of the signs you met after it
 - f. (optional) I don't ever disregard traffic signs
10. If you happen to disregard speed limitation traffic sign this would be because:
 - a. You feel it is safe to drive faster

- b. You think the sign's action is over
 - c. Only if I did not notice it
11. Have you ever been fined for not following traffic sign instructions (speed limitation, Give a way, No parking, No entry, Overtaking?)
- a. No.
 - b. Once
 - c. Several times.
12. Do you consider yourself offensive or defensive driver?
- a. Offensive
 - b. Neutral
 - c. Defensive

Closing questionnaire.

1. During simulation, did you feel confident about road situation?
2. In general, to what extent it was hard for you to overcome the situations you met on your way? (Scale 1 to 10)
3. How many hazardous situations can you count on your way?
 - a. One
 - b. Two
 - c. More
4. Have you followed all traffic signs instructions?
 - a. Yes
 - b. No, I neglected some.
5. On your opinion, do you think you noticed all traffic signs on your way?
 - a. Noticed all of them
 - b. I may have missed one or two
 - c. I feel I did not notice many of them
6. Have you ever had the feeling of having missed traffic sign in real driving experience?

- a. No
- b. Yes, sometimes
- c. Yes, very often. (Sometimes I do not notice some signs because there are too many of them)
- d. Yes, during first year after obtaining driving licence

7. (Phaze 1) Do you think the application that would remind you of traffic signs currently active would be helpful?

(Phaze 2) Did application help you to remember you are in the zone of action of a certain sign?






Yes/No

8. Would you like to have an application like that in your car?






Yes/No

Annexure B – Traffic signs used in experiment scenario




Warning traffic signs:

Intersection (č. A 3)	Roundabout (č. A 4)	Traffic signals ahead (č. A 10)
		
Zebra crossing (č. A 11)	Wild animals (č. A 14)	
		







Priority traffic signs

Crossroads (č. P 1)	Main road (č P 3)	Give right of way (č P4)
		
Give right of way with distance table (č. E 3b)	Stop, give right of way (č. P 6)	
		









Forbidding traffic signs

No entry for vehicular traffic (č. B 2)	No stopping (č. B 28)	No parking (č. B 29)
		





Speed limit traffic signs

Maximum allowed speed of 20 km/h (č. B 20a)	Maximum allowed speed of 30 km/h (č. B 20a)	Maximum allowed speed of 50 km/h (č. B 20a)
		
Maximum allowed speed of 70 km/h (č. B 20a)	Maximum allowed speed of 80 km/h (č. B 20a)	Maximum allowed speed of 90 km/h (č. B 20a)
		

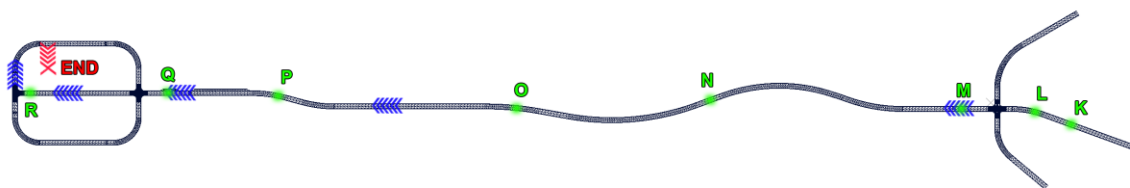
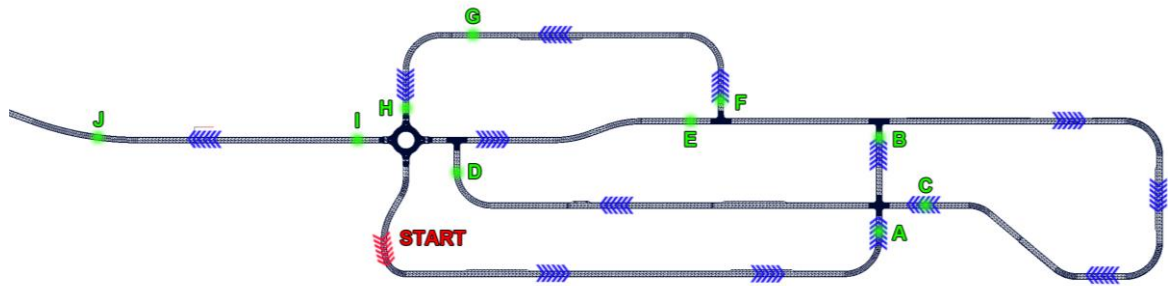
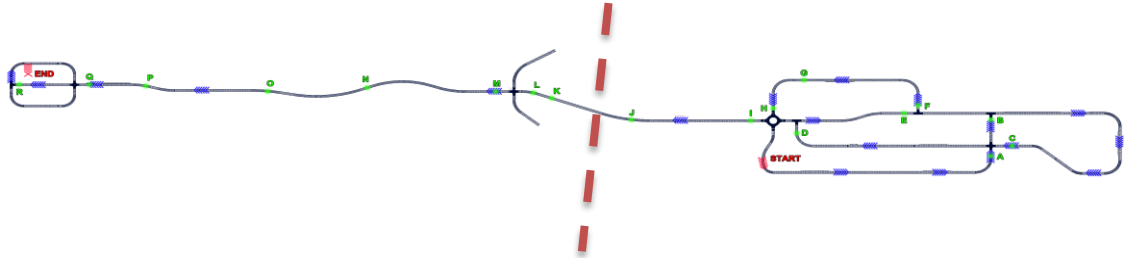
Information traffic signs

One-way traffic (č. IP 4b)	Zebra crossing (č. IP 6)	Parking place(č. IP 11a)
		
(Longitudinal) Parking (č. IP 11c)	End of city/town/village in local language (č. IS 12d)	City/town/village in local language (č. IS 12c)
		
Cultural or tourist destination (č. IS 24b)	Zone with traffic limitation (IP 25a)	End of zone with traffic imitation (č. IP 25b)
		
Residential zone (č. IP 26a)		
		

Regulatory traffic signs

Turn right (č. C 2b)	Turn left (č. C 2c)	Roundabout (č. C 1)
		
Keep right (č. C 4b)		
		

Annexure C – Roadmap



Annexure D – Points of interest

POI Start



POI A





POI B





POI C





POI D





POI E



POI F-H



POI G



POI H



POI I



POI J



POI K



POI L



POI M



POI N



POI O



POI P



POI Q



POI R



POI End



