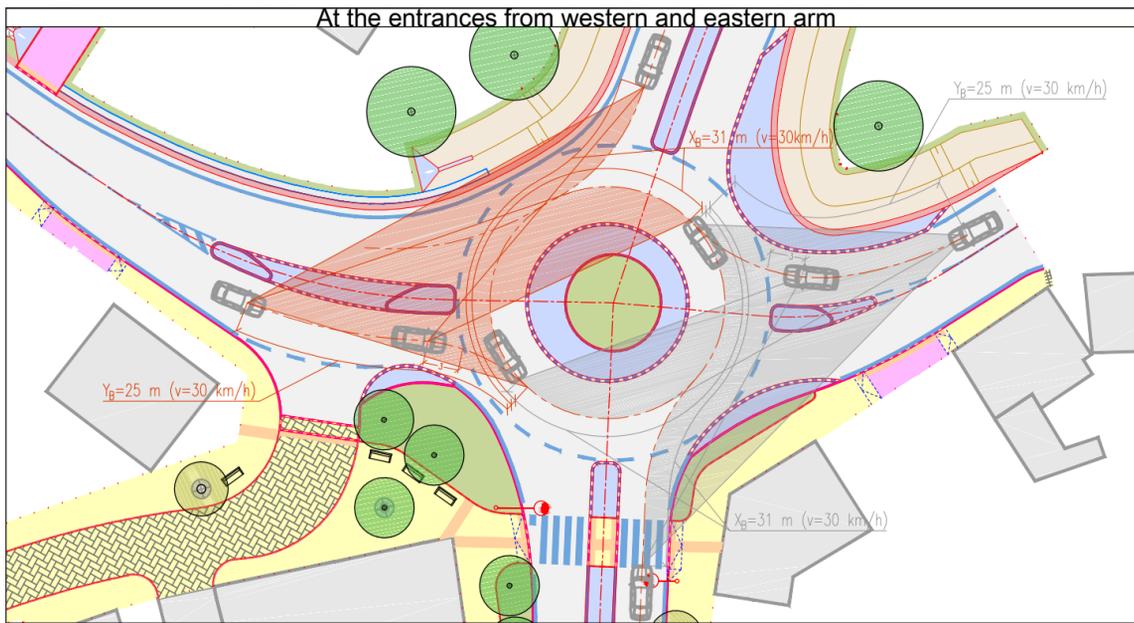
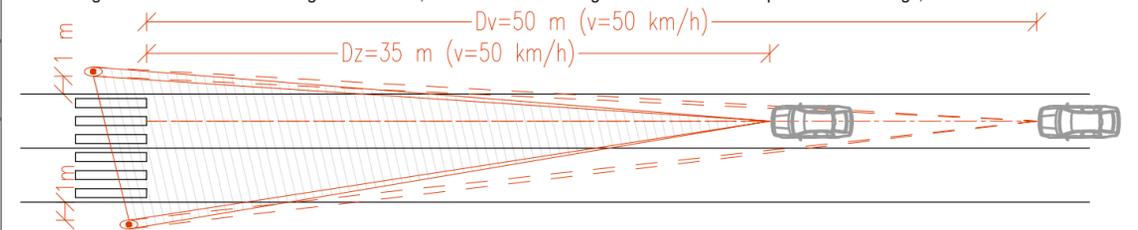


At the entrances from western and eastern arm



Sight distances of the pedestrian crossing:

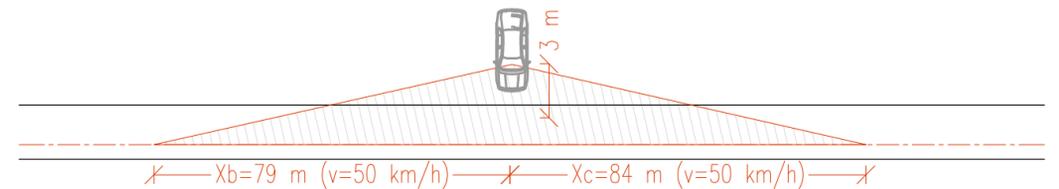
- Speed 50 km/h:
 - Sight distance on waiting areas of the pedestrian crossing $D_v = 50$ m
 - Sight distance for stopping $D_z = 35$ m
- Speed 30 km/h:
 - Sight distance on waiting areas of the pedestrian crossing $D_v = 35$ m
 - Sight distance for stopping $D_z = 15$ m
- According to ČSN 73 6110/Z1 Planning of local roads; Subsection 10.1.4 - Sight distances in front of pedestrian crossings; Table 17



Sight visibility triangles of connected living street:

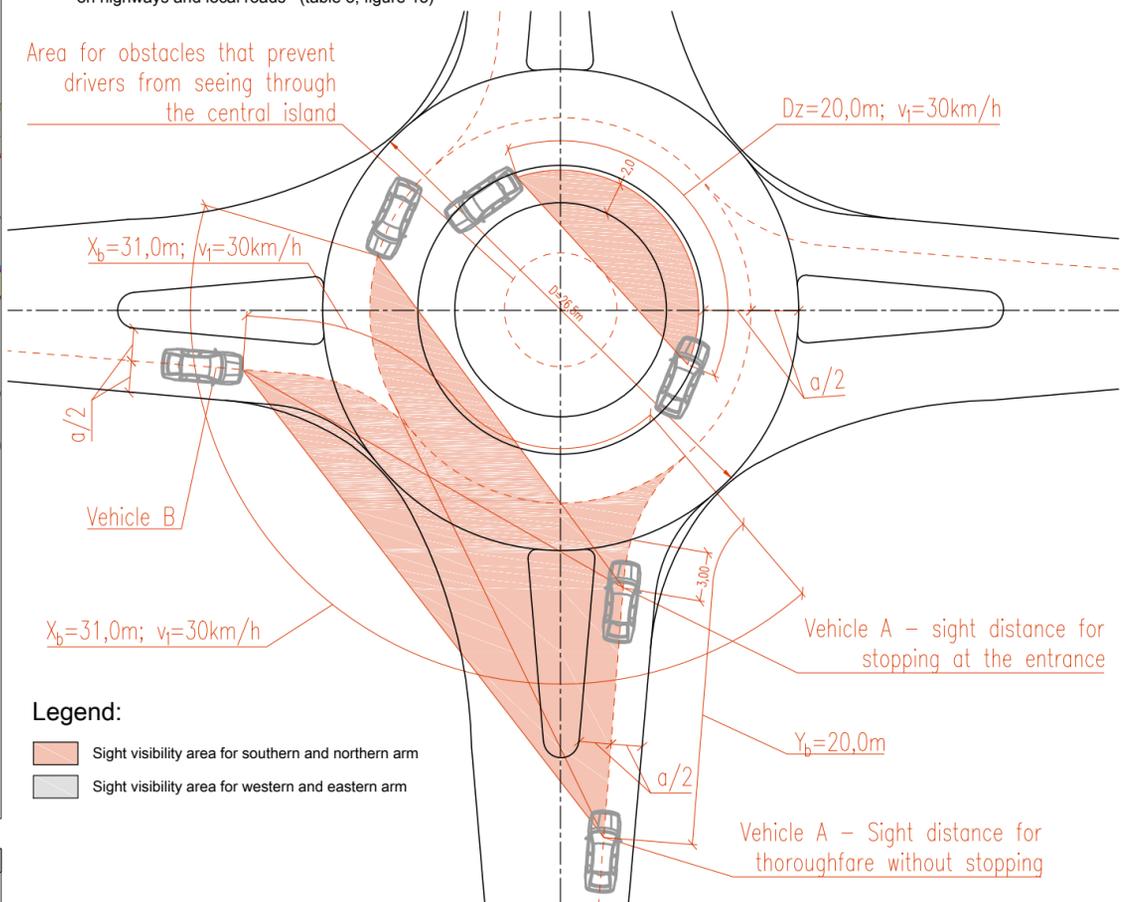
- Speed limit on main road $v = 50$ km/h
- Vehicle group 2
- Sides of sight visibility triangles $X_b = 79$ m, $X_c = 84$ m

- In compliance with ČSN 73 6102 Planning of highways on highways, subsection 5.2.9.- values according to table 20



Sight distances on a roundabout with one lane on the circulatory roadway and diameter 26,5 m in rural area:

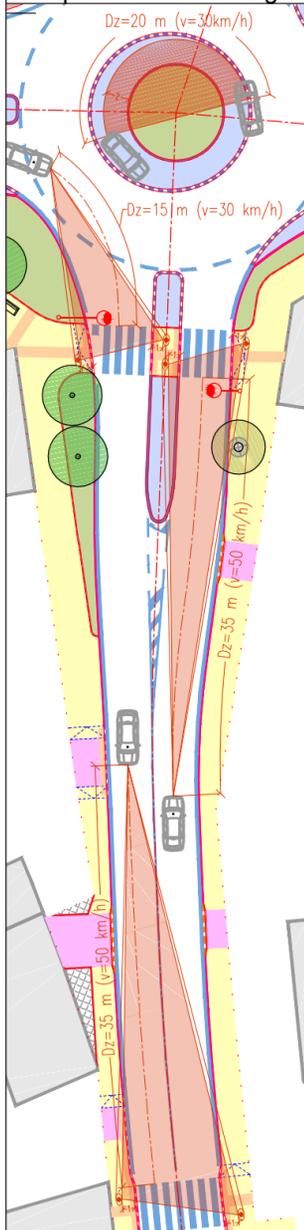
- Speed reached on the circulatory roadway 30km/h
- Built-up area and areas allowed to be built on
- Sides of sight visibility triangles $X_b = 31$ m, $Y_b = 26$ m
- In the area of sight visibility triangles cannot be any obstacles higher than 0,75 m above the level of carriageway. Allowed are occasional obstacles of a width maximally 0,15 m.
- In compliance with ČSN 73 6102 Planning of highways on highways and TC 135 Planning of roundabouts on highways and local roads (table 3, figure 15)



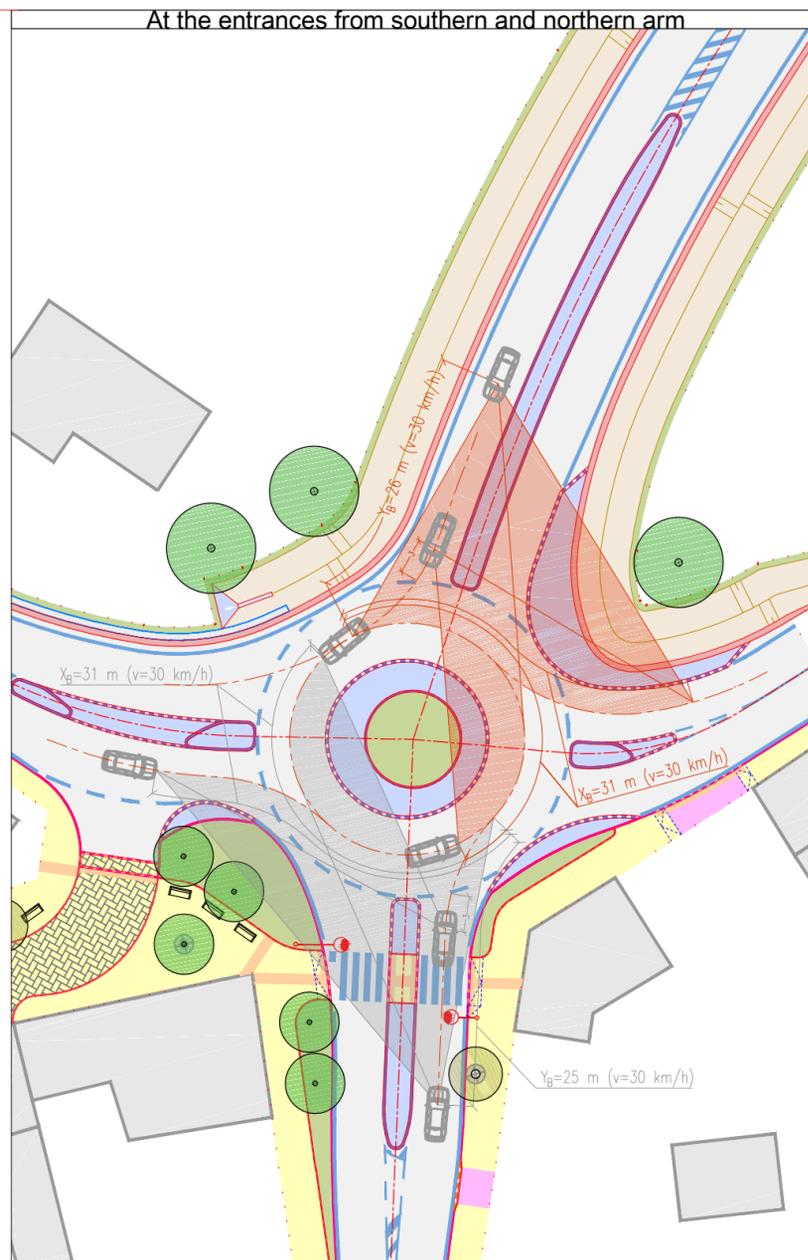
Legend:

- Sight visibility area for southern and northern arm
- Sight visibility area for western and eastern arm

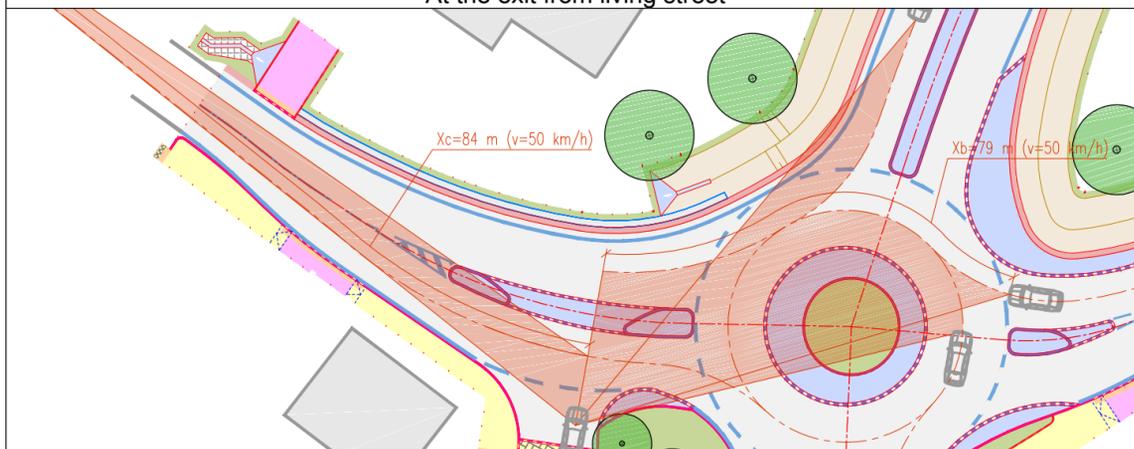
On pedestrian crossings



At the entrances from southern and northern arm



At the exit from living street



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Faculty:	Faculty of Transportation Sciences		
Worked out by:	Bc. Jakub Matějček		
Supervisors:	doc. Ing. Jiří Čarský, Ph.D. Ing. Josef Filip, Ph.D.		
Date:	24. 05. 2019	Academic year: 2018/2019	Project: Master thesis
Title of the master thesis:	Modification of Crossroads on Roads III/0063 and III/2384 at Velká Dobrá		Amount of A4 papers: 3
Appendix:	Sight distances		Scale: 1:500
			Appendix number: 1.5

