

obstacle avoidance does not consider other lane's dynamic obstacles #2915

✓ Answered by takayuki5168 MrOCW asked this question in Q&A



MrOCW on Oct 5, 2022

edited ▾

Hi, with reference to the video, shouldnt the avoidance not attempt to cut into the other lane since it sees an incoming vehicle? when the obstacle_on_the_path wall is on the other lane, the vehicle will still attempt to move to the other lane which will cause a collision with the incoming vehicle?

[avoidance.webm](#)

↑ 1

Category



Q&A

Labels

component:planning

3 participants



Answered by takayuki5168 on Oct 5, 2022

@MrOCW Right. In the current implementation, we do not see the incoming running vehicle during the avoidance.

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takayuki5168 on Oct 5, 2022

Collaborator

@MrOCW Right. In the current implementation, we do not see the incoming running vehicle during the avoidance.



Marked as answer

↑ 1

3 replies



MrOCW on Oct 13, 2022

Author

are there plans to have this feature?



takayuki5168 on Oct 13, 2022

Collaborator

@satoshi-ota is currently working on obstacle avoidance. Could you answer.



satoshi-ota on Oct 13, 2022

Maintainer

Hi @MrOCW

As @takayuki5168 said, I'm working on performance improvement of avoidance maneuver. As part of that, I'm trying to add check safety verification and abort avoidance maneuver. (Those two features will be completed by the end of this year.)

Answer selected by **MrOCW**