

Automated Intersection Modelling

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1 Introduction and Problem Definition

2 Previous Work

3 Algorithms and Models Devised

3.1 Vehicles

3.2 Intersection

The intersection analyzed in this study was a typical intersection consisting of four perpendicular 4-lane roadways. As specified in standard roadway construction specifications, each of these roadways have an intersection spacing distance of 375 ft Bureau. This was in order to provide a sufficient distance in which vehicles can properly maneuver in standard vehicle behaviors.

4 Technical Challenges

5 Results

6 Team Roles

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6.2 Praagya Singh

6.3 Ross Yeager

7 Conclusion

7.1 Course Application

7.2 Feedback

References

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