Review of: "CNN-Based Road Damage Detection"

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Potential competing interests: No potential competing interests to declare.

Manuscript presents a computer vision solution for road damage detection. The manuscript is not written as per academic standards and reads like a report. It needs a significant amount of changes prior to publication. A few of the comments towards improving the quality are as follows:

1. The abstract needs to be re-written to first highlight the significance of the problem.
2. Need to summarise the literature with more subjective analysis and provide comparison based on multiple factors.
3. Choice of model needs to be further explained. Also, it would be nice to see a comparison with other models as well, specifically newer ones.
4. The hardware implementation details need to be further explained. Was the model implemented for real-time feed? What was the FPS for Pi4? Was the model inference done on-board or on cloud?
5. Training and validation performance of the model in terms of quantitative mAP values would help in better version.