Reply on CC1
Zhen Qian et al.

Author comment on "Vectorized dataset of roadside noise barriers in China using street view imagery" by Zhen Qian et al., Earth Syst. Sci. Data Discuss., https://doi.org/10.5194/essd-2022-19-AC1, 2022

We appreciate Jimmy Zheng's positive feedback on our work.

This vectorized dataset of roadside noise barriers is expected to benefit urban research and municipal governments.

In addition, we demonstrate the efficiency of an ensemble of deep learning networks that takes image contextual information into account while identifying roadside noise barriers from street view images in this paper. We will continue to mine and optimize the algorithm as described in the article in future development.

(same as comments from first author Zhen Qian)