





Measurement #	Field Meas. (mm)	Avg. Field Measurements (mm)	Computed Dimensions (mm)
1	208		
2	216		
3	234	230	224
4	262		
5	1825	1825	1795

Table 2: The comparison between the field measurements and the computed surface damage dimensions.

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#### 4. CONCLUSIONS

In this paper, the field application of a recently developed software prototype, which is specifically developed for surface damage detection, is discussed. First, information on the software prototype for surface damage detection is presented. Then, the results of the surface damage detection performed on an extracted dataset from Çayırhan Bridge laser point cloud via the developed software prototype, are discussed. The future research will focus on advancing the software for improving the surface damage detection, visualization and reporting capabilities.

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