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Tensor International Corporation
Alpharetta, GA

Tensor International Corporation engaged Total Pave Inc. (TotalPave) to perform a road condition assessment in the San Diego, California metro area on May 15, 2019. The assessment used TotalPave's smartphone-based system to evaluate two different performance measures:

Pavement Condition Index (PCI) - A score between 0 and 100 measuring a road's surface distress based on ASTM D6433 survey methodology. The survey calls for an engineer to visually assess road segments for standard distresses; when a distress is located, it is classified by type, severity, and the extent is estimated. Distresses found are entered into TotalPave's PCI mobile application following this standard survey methodology, then the system calculates a PCI score.

International Roughness Index (IRI) – A measure of road roughness evaluating meters of vertical deflection per kilometer, starting at zero and increasing as roughness increases based on ASTM E1926. A smartphone loaded with TotalPave IRI is mounted to the windshield of a vehicle and as the user drives each segment, the system records smartphone sensor data then uses that data to produce IRI values.

Four segments in total were evaluated: Carroll Canyon Road Eastbound, Carroll Canyon Road Westbound, La Media Road Northbound, La Media Road Southbound. Carroll Canyon Road was located north of San Diego in the Carroll Canyon Business Park area, while La Media Road was located south of San Diego in the Otay Mesa area. IRI and PCI results for each segment are presented in the appendix of this report and on Tensor's TotalPave Web Portal.

Best Regards,

Coady Cameron, MScE, Peng
Chief Executive Officer
Total Pave Inc.

