



Counting the difference

Armadillo® proves to be the perfect fit for traffic monitoring and speed study applications



- No more tubes failing or lifting
- All season device, spread the annual workload
- No more suitcase sized units
- Truly lightweight and compact at 3lbs
- Best-in-class 0.4% speed accuracy and up to 97% count accuracy
- One person install with no requirement for lane closures
- Ultra-low power 2 weeks run time on rechargeable battery
- Comes as standard with advanced Statistics Analysis program
- None of the previous set up hassle of calibrating, a degree in trigonometry is no longer required, just point and go
- No more returning to site and finding it didn't record - vehicle tracking tone allows confidence
- None of the usual limitations associated with radar - Armadillo® offers both 2 and 4 lane, bidirectional analysis

Attaining accurate bi-directional traffic speed and data counts for determining funding for the maintenance and improvement of highways has always presented a significant challenge for agency resources in Ontario.

Feedback from field trials conducted by The Region of Peel and The City of Greater Sudbury in fall 2013, would suggest the recently launched compact, highly accurate, hassle free Armadillo® radar based traffic stats collector is a 'Stand out Performer', which could see agencies benefiting and counting the difference during 2014.

"The Stats Analyzer software provided with the unit is user friendly and offers some very good outputs. I can see the Armadillo® being a perfect fit for our speed study applications." **Chris King - Supervisor Traffic Operations, Region of Peel**

"A very well thought out product, Battery life is as claimed. Set up is extremely easy. Data retrieval was fast and uncomplicated. Unit is very discreet, Geo-tagging data is smart, unit will be a welcome addition to our traffic analyst toolbox." **William Toy - Supervisor Traffic Safety and Engineering, Region of Peel**

"Unit is truly compact, a lot smaller than expected based on previous radar devices. Set up was also much simpler, point and go as specified and no PC required, the confidence vehicle tracking tone when first installed is a smart feature." **Soutsay Boualavong - Transportation Analyst, City of Greater Sudbury**



Side of road mount 2 lane bi-directional



Side of road mount 2 lane incoming only



Central median mount 4 lane bi-directional

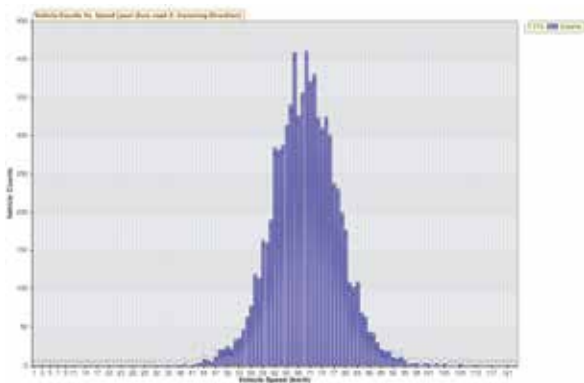
'A perfect fit for traffic monitoring and speed study applications'

Dixie Road case study - Region of Peel



The Armadillo® was installed on the central median of the 4 lane bi-directional Dixie road in Brampton, north of Sandalwood parkway. The unit was installed for 1 week during which tubes and hand held radar were used for comparable traffic data sets. The AADT at this location was circa 15000. The Armadillo® was quickly and simply installed on an existing light pole, the confidence tracker tone checked for correct operation and triggering for both vehicle directions.

It was expected accuracy may be reduced by the close proximity of the signal at Sandalwood to the count site causing traffic to bunch at times rather than be free flowing, but even under these conditions the Armadillo® still performed effectively. The ATR and Armadillo® data sets were compared and supported the accuracy claims of the Armadillo®. E.g. 19th Sept, Total Vehicle Count north bound ATR 8,156 Armadillo 7,713, 85th percentile ATR 79kmh Armadillo® 78kmh.



Geotag feature allows users to move Armadillo® around before downloading data and be confident that every data set will be properly associated with its location.

Falconbridge road case study - City of Greater Sudbury



The Armadillo® was installed on the central median of the 4 lane bi-directional Falconbridge road, one of the primary arterial routes across the City. Data was collected from 3pm on Thursday 10th Oct for a 24hr period. The AADT on Falconbridge road at this location from historic data was circa 20000. The Armadillo® was very quickly and simply installed on a telspar pole and provided accurate data.



There is no doubt that the Armadillo® will prove to be a traffic analyst favourite - its unique well thought out design and superior functionality differentiates it from existing bulky, hard to set up radar devices and all the extra work that goes with installing and maintaining tubes. The best in class data accuracy and accompanying advanced stats analyser reporting software, provided at no additional cost with each unit, seamlessly work together to provide an unrivalled client experience.

Unipart Dorman is pleased to be able to offer and support the unique Armadillo® traffic data collector in conjunction with our award winning range of Vehicle Activated Traffic Calming Signs. Please contact us now to set up a demonstration and learn more about this exciting new advancement in radar based traffic data collection.

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