

Recommendations

- Validation of the IC Global Positioning System (GPS) setup prior to the compaction operation using a survey grade GPS hand-held unit is crucial to providing precise and correct measurements.
- To correlate in-situ tests with IC data properly, in-situ test locations must be established using a hand-held GPS "rover" unit that is tied into the project base station and offers survey grade accuracy.
- It is highly recommended to perform IC measurements (mapping) of the underlying layers prior to the paving of upper layers in order to identify possible weak spots.
- Standardization is strongly recommended to accelerate the implementation IC for State agencies: a standard IC data storage format, an independent viewing/analysis software tool, and detailed data collection plan.

Benefits of Intelligent Compaction

- * **Improve Density...**
better performance
- * **Improve Efficiency...**
cost savings
- * **Increase Information...**
better QA/QA



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