

**Development of a Roller-Mounted PQI for Quality Control of Density Levels During Hot Mix Asphalt (HMA) Pavement Construction (OEMs)** – This is an on-going project to modify/develop the existing PQI™ 301's electrical impedance technology for use on OEM rollers during HMA compaction. An innovative method is being refined which enables the device to operate successfully while the roller is in motion, or on-the-run. This would be a major innovation in the paving industry and would make it much easier for the roller operator to fine tune the roller pattern and avoid any “tender zone” difficulties. Innovative OEMs may find it useful to partner with TransTech in order to develop this, and similar, devices for use on their original equipment, thereby giving them a competitive advantage over other manufacturers in the industry. TransTech's staff of engineers and scientists has a great deal of experience in working with manufacturers to help improve their products and processes.