

Local Agency Grade Controls Guideline for Constructing Asphalt Pavements

GRADE CONTROLS:

The paver should be operated using automated controls (e.g., screed controls, grade sensors, sensor reference lines) to ensure a quality pavement. However, the following instances of manual operation are acceptable:

1. Irregular Areas. Manual operation of the paver may be required in irregularly shaped and minor areas (e.g., tapers). Closely monitor these areas for conformance.
2. Automated System Failure. If the automated control system of the paver fails, the equipment may be operated manually for the remainder of the workday. However, paving should not commence if the Contractor is unable to fix the control system before the next workday.

RIDE QUALITY:

The contractor should place the Asphalt Paving Materials (APM) in such a manner that an acceptable ride quality is obtained in the final product. In the opinion of the Agency the final product has a lack of ride quality, the Agency may require at the contractor's expense, to have the roadway verified using a straight edge test. The finished transverse and longitudinal surface elevation of the pavement shall be measured using a 10-foot straightedge. Areas to be measured should be directed by the Agency. The Contractor should use an approved 10-foot straightedge, depth gauge and operator to aid the Agency in testing the pavement surface. Areas showing deviation from plane greater than 3/16 inch in 10 feet shall be marked and a satisfactory course of remedy should be discussed and agreed upon by both the contractor and Agency.