

Oklahoma Department of Transportation

Profilograph Settings
Construction Control Directive No. **19990729**

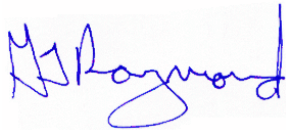
October 5, 2005

Scope: To identify the settings to be used when obtaining tracings with a computerized profilograph.

The Research Division has found that the Ames computerized profilograph contains adjustable filter controls that significantly affect the results of a given trace. A copy of the complete [report](#) is attached for your information.

In summary, the report indicates that the manufacturer recommends that the high pass filter be left at zero and select "off-set" for vertical positioning of the blanking band. These settings will most nearly compare with the results taken by the manual profilographs. In all cases consult the individual contract for proper handling of the profile measurements, as there are many versions of the specifications with newer versions to follow. Ensure that the settings are correct on contractor operated profilographs.

A [copy](#) of the typical settings for a computerized profilograph is attached to assist you in analyzing the contractor's tracings.



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