



INDIANA DEPARTMENT OF TRANSPORTATION

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MITCHELL E. DANIELS, JR., Governor  
THOMAS O. SHARP, Commissioner

January 27, 2005

Writer's Direct Line

MEMORANDUM  
05-01

TO: District Directors  
Toll Road Operations Engineer  
District Construction Engineers  
District Area Engineers  
Project Engineers/ Supervisors  
Materials and Tests Division  
District Materials & Tests Engineers

FROM: Dennis A. Kuchler, Chief  
Contracts and Construction Division

RE: Profilographs and Profilograms

It has come to the attention of this office by the FHWA that profilograms may have been inappropriately accepted by INDOT personnel. INDOT personnel must be present when the project site calibration is performed and the profilograph is run. We must follow ITM-901. Also, the profilogram produced by the contractor must be scored by INDOT personnel. Advancements in technology have resulted in a computerized data collection capability on some of the profilographs in use. These computers have the ability to score the profilograms as well and some have been given to INDOT personnel already scored. These still must be scored by INDOT personnel. It is not permitted to accept contractor's results for acceptance without independent INDOT verification. No guidelines are in place for such verification of the data collected with the use of a profilograph. That is, this would be a form of "Contractor's Acceptance" which is not our policy with the use of profilographs.

Effective with the 1/1/05 revision to ITM901, profilograms may be scored for acceptance either manually or by the Proscan unit possessed at each district office. **This office is directing that any profilogram scored by the contractor only that was used for acceptance on a contract be rescored by INDOT personnel.** This applies to active projects only. If a contractor's scoring was relied upon and differences are now found in the scoring then an adjustment to the contract payment should be made accordingly prior to close out of the project. This is necessary in order to continue our eligibility for Federal funds in this regard.

**This office is also requesting that a comparison of results be made for any profilogram that has been scored by the contractor and INDOT.** Summaries of the results should be sent to the attention of Mark Miller, Chief of our Materials and Tests Division. The summary should include the contract number and contractor operating the profilograph as well as the name of the PE/S making the submittal. Please have this done by 3/31/05 or give notification otherwise. This data will be used to compare the scoring precision of the contractor's computerized profilograph equipment. We do not have sufficient information at this time to validate the profilograms created with the use of a computer regardless of who scores them. Therefore, effective immediately and until further notice the acceptance of profilograms produced with the aid of a computer will not be permitted. This applies even if the profilograph has been certified by the Division of Materials and Tests. The Division of Materials and Tests is currently reviewing the matter to determine what measures need to be in place for continued use of the computerized profilographs.

DAK:JJN;jjn