



INDIANA DEPARTMENT OF TRANSPORTATION

100 North Senate Avenue
Room N758-CM
Indianapolis, Indiana 46204


www.in.gov/indot

Eric Holcomb, Governor
Michael Smith, Commissioner

May 10, 2023

CONSTRUCTION MEMORANDUM 23-04

TO: District Deputy Commissioners
District Construction Directors
District Technical Services Directors
District Area Engineers, Project Engineers/Supervisors
Division of Materials and Tests
District Project Management Directors,
District Traffic Engineers
District Testing Engineers
District LPA Coordinators

FROM: 
Gregory G. Pankow, Chief Engineer of Construction
Division of Construction Management and District Support

SUBJECT: IRI Implementation for CY 2023

SUPERSEDES: Construction Memorandum 22-01

The Department is now in full implementation status of IRI for highway smoothness on all new contracts. Contractor requests to incorporate IRI on an existing profilograph contract may be permitted through the addition of a no-cost change order to the contract. The no-cost change order will add **RSP 401-R-577** to contracts with 401 pay items and **RSP 501-R-752** to contracts with 501 pay items.

Information on the implementation of IRI can be found on the Department's website (<https://www.in.gov/indot/div/construction.htm>) under the section titled "**IRI Information**".

In addition, the GIFE has been updated and now includes a new Section. **Section 11 "Pavement Smoothness High Speed Inertial Profilers and the IRI Index"** outlines all aspects of implementation of IRI on a contract for construction employees.

The PEMS will review Contractor submitted ProVAL files utilizing the "**IRI Field Guide**" and "**IRI Field Guide for ALR**" and then generate smoothness payment utilizing the "**IRI Payment Adjustment Spreadsheet**". After accepting the submitted files and completing smoothness payment, the PEMS will place all completed files in the Projectwise Intelligent Filing Cabinet setup for the contract within 7 days.

Next and very importantly, upon completion of analysis and payment, the PEMS is required to complete the "**IRI Data Submission Form**" by selecting the link with this title on the Department's website (<https://www.in.gov/indot/div/construction.htm>) found under the "**IRI Information**" section. This survey

form is required to be filled out for all Inertial Profiler data collection performed on PCCP or HMA final surfaces. Submission of this form will automatically notify INDOT Research that contract IRI smoothness work is complete and enable Quality Assurance (QA) reviews in accordance with **ITM 917** on selected contracts each construction season. If your contract has smoothness data collection completed in phases, please submit this IRI Data Submission Form for each phase when new data is placed in the Intelligent Filing Cabinet.

Any questions should be directed to your Construction Management Field Engineer.

GGP/jjn/jtb