



INDIANA DEPARTMENT OF TRANSPORTATION

Design Memo No. 25-08

March 25, 2025

TO: All Design Personnel and Consultants

FROM: /s/ Kumar Dave
Kumar Dave
Manager, Pavement Design Office
Highway Engineering Division

SUBJECT: Life-Cycle Pavement Cost Analysis Update

REVISES: *Indiana Design Manual*/Sections 601-5.01(03), 601-5.01(04), 602-2.0, 606-1.0, 606-2.05, 606-3.01, and 606-3.02

EFFECTIVE: For Lettings on or after September 1, 2025

The referenced sections of IDM Chapters [601](#), [602](#), and [606](#) have been revised to reflect current life-cycle pavement cost analysis (LCPCA) practice. The revisions align the analysis with the anticipated maintenance and rehabilitation cycles of the INDOT Pavement Asset Management 20-year Plan. Notable revisions include:

- Revised guidance to reflect costs INDOT considers for LCPCA.
- Decreased minimum pavement area required for LCPCA from 15,000 yd² to 10,000 yd²
- Revised years and strategy for preventive maintenance and rehabilitation treatments for HMA pavement. Information is now presented in tabular format.
- Revised years and strategy for preventive maintenance and rehabilitation treatments for PCC pavement. Information is now presented in tabular format.
 - Eliminated the practice of sealing concrete joints as a part of a concrete pavement restoration treatment.
 - Eliminated the unbounded concrete overlay treatment from major rehabilitation treatment for concrete pavement.

Questions regarding project-specific LCPCA should be directed to the Pavement Engineering Office, Pankaj Patel, at papatel@indot.in.gov.

General questions should be directed to the Pavement Engineering Office Manager, Kumar Dave, at kdave@indot.in.gov.