



INDIANA DEPARTMENT OF TRANSPORTATION

Design Memo No. 24-17

December 4, 2024

TO: All Design Personnel and Consultants

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

SUBJECT: Liquid Asphalt Sealant

SUPERSEDES: Design Memo 22-14 Liquid Asphalt Sealant for Milled HMA Corrugations

REVISES: *Indiana Design Manual*/Chapter 602, Figures 602-3A thru 602-3D, 602-3G, 602-3H, and 602-3J

EFFECTIVE: Immediately

INDOT is eliminating the use of liquid asphalt sealant. Revisions to *Standard Specifications* section 401 are forthcoming.

Pay Items

The following pay items will be made obsolete effective March 1, 2025.

Pay Item	Description	Unit	Notes
401-11785	Liquid Asphalt Sealant	LFT	Previously used to seal all 401 QC/QA HMA surface mixtures
401-11785	Liquid Asphalt Sealant, RPE	LFT	RPE supplemental description previously used with milled corrugations
401-12483	Rapid Penetrating Emulsion	LFT	Unique pay item

Pay items for Joint Adhesive (Surface or Intermediate) and Void Reducing Asphalt Membrane are not affected by this memo.

Contract Revisions

Designers should revise contract plans, quantity calculations, and estimate where practical.

- Letting dates prior to March 2025. Contract revisions need not be submitted. The pay item will be deleted in accordance with Construction Memo 24-13.

- Letting dates in March and April 2025. To reduce the administrative effort, plans and quantity calculations need not be revised. Contract Administration will remove all obsolete pay items from the estimate.
- Letting dates May 2025 and after. Plans, quantity calculations, and estimates should be revised accordingly prior to the Final Tracings submittal.

Approved Pavement Designs

Previously approved pavement designs should not be resubmitted. A copy of this memo should be appended to the Final Pavement Design file submitted with the Final Tracings package.

For contracts whose Final Tracings due date has passed, please work with your project manager to ensure the Final Pavement Design file in ERMS is updated.

IDM Revisions

The referenced figures in IDM [Chapter 602](#) have been revised to reflect these changes.

Questions regarding this design memo should be directed to the Office of Pavement Engineering, Nick Cosenza, Pavement Design Engineer at ncosenza@indot.in.gov.