



Checklist of Pavement Condition Evaluation For Pavement Preservation Treatments

Purpose: This checklist* aids for assessing adequacy of pavement condition for the application of pavement preservation treatments (PPT), including seal coat, microsurface, ultrathin bond wearing course (UBWC), and 4.75 mm HMA overlay.

Data collection: The checklist should be completed with the information obtained from a visual inspection of a PPT candidate road.

Decision: The pavement is considered to be a good candidate if it meets all categories in the checklist. Otherwise, a further examination of the pavement is required to assess the adequacy**.

Limitation: This checklist is intended for reference only, not as specifications or design guidance. In the event that any information presented herein conflicts with the Indiana Design Manual, INDOT Standard Specifications or other INDOT policy, said policy will take precedence.

* This checklist was developed through INDOT/JTRP study: SPR-3507(*Subsurface condition evaluation for asphalt pavement*).

** *Guidelines of subsurface condition evaluation for pavement preservation treatments* provide an in-depth process for a pavement condition evaluation.

*** Evaluation of existing pavements for rehabilitation from NCHRP (2004)

Indiana Department of Transportation

| | | | |
|----------------|--------------------------|---------------|----------------------------|
| Date | _____ | Engineer | _____ |
| District | _____ | Subdistrict | _____ |
| Road Name | _____ | | |
| From Location | _____ | From R. P. | _____ |
| To Location | _____ | To R. P. | _____ |
| Lane Direction | North, South, East, West | Lane Location | Passing Lane, Driving Lane |

Built, reclaimed, or rehabilitated less than 7 years ago

No or little patching and other repairs (less than 10 % of area***)

No alligator cracking in wheel path

No or little longitudinal cracking in wheel path (less than 265 ft / mile or 5 %***)

Transverse cracking spacing more than 120 ft***

No or little shoving in wheel path (less than 10 % of area***)

No sign of water stripping

No Water bleeding or pumping

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