
BRIDGE SAMPLE PLANS – BRIDGE THIN DECK OVERLAY

Reference: IDM 14-2.05 Bridge Plans, Preservation Project

IDM 412-2.01 Preventative Maintenance Project

BDA 412-01 Patching Quantities for Polymeric Overlays

BDA 412-03 Polymeric Overlay Project Considerations

The following set of sample bridge plans has been developed to illustrate a typical set of Bridge Thin Deck Overlay plans. The tables throughout this set of sample plans have been generated using the Excel spreadsheet [Tables for Bridge PM Thin Deck Overlay.xlsm](#). Instructions for using this spreadsheet are provided on the Instructions tab within the file.

The plans were revised May 20, 2020 for minor editorial changes, and to remove the thin deck overlay from the reinforced bridge approach slab on several of the bridges. INDOT has noticed a relatively high percentage of failures of thin deck overlays on reinforced bridge approach slabs, and Construction Memo 20-08 published on May 11, 2020 has directed Designers and Construction to prohibit this application.