



INDIANA DEPARTMENT OF TRANSPORTATION

Driving Indiana's Economic Growth

Design Memorandum No. 22-12

July 07, 2022

TO: All Design, Operations, and District Personnel, and Consultants

FROM: /s/Elizabeth Mouser
Elizabeth Mouser
Director of Highway Engineering

SUBJECT: Subgrade Treatment for Full Depth Patching

REVISES: *Indiana Design Manual Sections 603-3.01 and 603-3.04*

EFFECTIVE: Contract Lettings on or after November 1, 2022

As noted in Construction Memo 22-05, INDOT adopted Type ID subgrade treatment for full depth patching designs in January 2021. Compaction issues have been associated with Type ID in patching sections inaccessible to rollers.

Revising Subgrade Treatment Recommendation

Where the project geotechnical report or soils waiver includes a subgrade treatment recommendation of Type ID associated with either PCCP or HMA full depth patching, the designer should contact the INDOT Division of Geotechnical Services, Athar Khan, for a revised recommendation (addendum).

Revising Pavement Design

Previously approved pavement designs need not be resubmitted but should be amended as follows. Where the approved pavement design includes a subgrade treatment recommendation of Type ID associated with either PCCP or HMA full depth patching, the designer should include the revised subgrade treatment recommendation as part of the approved final pavement design file.

Plans, quantities, and estimate should be updated to reflect the revised subgrade treatment type.

IDM Revisions

The referenced IDM section has been revised to delete subgrade treatment Type ID

Questions regarding subgrade treatment should be directed to the Division of Geotechnical Services, Athar Khan at atkhan@indot.in.gov.