



INDIANA DEPARTMENT OF TRANSPORTATION
Driving Indiana's Economic Growth

Design Memorandum No. 16-31
Technical Advisory

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

FROM: /s/Elizabeth W. Phillips
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Bridges Division

SUBJECT: Fiber Reinforced Polymer Composite Materials

REVISES: *Indiana Design Manual* Section 412-3.05(05)

EFFECTIVE: Immediately

For several years, it has been the Department's practice that externally bonded fiber reinforced polymer (FRP) materials or "fiber wrap" will not be considered for structural purposes. Fiber wrap may be used for concrete repair, but the application will not be considered as having improved the load carrying capacity of the bridge component.

Information to the contrary appeared in the recently published *Indiana Design Manual* Bridge Preservation chapter. The referenced section has been revised to reflect the Department's practice more clearly and is an attachment to this memo.

The revisions will be incorporated into the on-line version of the IDM at a later date.