



Updated Construction Specifications

Product 0-7076-P2

Cooperative Research Program

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UPDATED CONSTRUCTION SPECIFICATIONS

by

Stephen Sebesta
Research Scientist
Texas A&M Transportation Institute

Edith Arambula-Mercado
Research Engineer
Texas A&M Transportation Institute

Jinho Kim
Assistant Research Scientist
Texas A&M Transportation Institute

and

Ross Taylor
Research Specialist IV
Texas A&M Transportation Institute

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Projects Using Foamed Asphalt Binder and Emulsified Asphalt

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College Station, Texas 77843-3135

DISCLAIMER

This research was sponsored by the Texas Department of Transportation (TxDOT) and the Federal Highway Administration (FHWA). The contents of this report reflect the views of the authors, who are responsible for the facts and the accuracy of the data presented herein. The contents do not necessarily reflect the official view or policies of FHWA or TxDOT. This report does not constitute a standard, specification, or regulation.

This report is not intended for construction, bidding, or permit purposes. The engineer in charge of the project was Edith Arambula-Mercado, P.E. # 108462.

The United States Government and the State of Texas do not endorse products or manufacturers. Trade or manufacturers' names appear herein solely because they are considered essential to the object of this report.

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In this study, the research team focused primarily on laboratory mixture design factors that could impact the IDT strength result. In the context of construction specifications, the key recommendation from this research is to eliminate the unconfined compressive strength (UCS) requirement from the construction specification.

Construction guidelines related to FDR with asphalt can be found in TxDOT's MTD resource website at:

<https://www.txdot.gov/content/dam/docs/division/mtd/fdr-asphalt-construction-guidelines.pdf>

Future activities after FDR construction could consider evaluating the long-term performance of existing field projects to ensure they have adequate durability and are achieving their intended service life when designed using the current/approved mix design procedures.

