



# INDIANA DEPARTMENT OF TRANSPORTATION

*Driving Indiana's Economic Growth*

## Memorandum

March 19, 2007

### CONSTRUCTION MEMORANDUM 07-05

TO: District Deputy Commissioners  
District Highway Operation Directors  
District Construction Engineers  
District Testing Engineers  
District Area Engineers  
Project Engineers/Supervisors

FROM: Mark A. Miller, Director *MAM*  
Division of Construction Management

SUBJECT: Polymer Coated Double Wall Pipe

Recently there has been some confusion regarding the use of polymer-precoated corrugated steel pipes on projects and whether these pipes meet the criteria for use as Type 1, 2, 3, or 5 pipe per Standard Specification 715.

Polymer-precoated corrugated steel pipe (AASHTO M245 types IA and IIA) pipes are permitted for types 1, 2, 3, and 5 pipe per Standard Drawing E715-PIPE-01. They are also in accordance with the Service Life Criteria of E715-PSLC-01, -02, and -03. These pipes are double walled.

Per Recurring Special Provision 715-R-532, Type IA pipe shall have a full circular cross-section with an outer shell of corrugated sheet fabricated with helical corrugations and an inner liner of smooth (uncorrugated) sheet attached to the shell at helical lock seams. The Type IIA pipe shall be a Type IA pipe that has been reformed into a pipe-arch having an approximately flat bottom. The Recurring Special Provision will be incorporated into the 2008 Standard Specifications.

Please contact the Office of Construction Technical Support at 317-234-2777 if you have any questions regarding use of polymer-precoated corrugated steel pipe.

MAM:RLH:jr