

Ohio Department of Transportation - Prebid Questions

Project No. 160525

Sale Date - 10/6/2016

AUG-94477 - US 33-04.44

Question Submitted: 9/22/2016 9:09:33 AM

Supplemental Specification 833 references ASTM F1216, which is used for pipes or conduits with circular cross section (diameter). This application is not circular. Are alternate design methods acceptable when designing the thickness of a liner for applications involving corrugated structural plate pipe arches or conduits with non-uniform cross section?

ODOT will allow alternate design methods to calculate liner thickness for this project. Submittal to the Engineer and acceptance must follow requirements of 833.04.

Question Submitted: 9/8/2016 10:14:09 AM

There is no minimum design thickness indicated in the plan documents. Is the intent to fill the CMP corrugations completely prior to installation of the spray applied structural liner, or is the contractor designed thickness all that is required for a uniform application? If in fact the corrugations are required to be filled prior to installation of the spray applied liner, can an alternate material be used to fill the corrugations, in lieu of the cementitious/geopolymer material?

Minimum liner thickness is provided in SS833 in Table 833.04-2 or 833.04-3 based on the lining material. Per SS833 there is no requirement to fill corrugations except patching as listed in 833.05.D or per the manufacturer's recommendations.