

3700100 BRIDGE APPROACH EXPANSION JOINTS  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

Ananth Prasad  
[aprasad@ftba.com](mailto:aprasad@ftba.com)  
850-942-1404

Comments: (9-30-19, Internal)

1. I would have the highlighted text deleted (with a portion of the roadway pavement over the subslab interrupted by a galvanized sheet metal strip,). With the Standard Plans referenced why write a detail note? This would eliminate changing the specification when the standard plans change (and we know they will).
2. 370-1 - It gets rid of the sleeper slab expansion joint for PCCP on ABC, it will only be require on special select. That is a good thing.
3. 370-3 - Added "as directed by the Engineer" to it. Joints should be constructed in accordance with the specs and the standard plans, consider removing "as directed by the Engineer" too subjective. They may be able to force us to put expansion joints somewhere we don't want to.

Response: (10-01-19) Mary Jane Hayden – [Maryjane.hayden@dot.state.fl.us](mailto:Maryjane.hayden@dot.state.fl.us) – 850-414-4783

1. Thank you for your comment. Change has been made.
2. Acknowledged, Thank you.
3. Agreed, the language "and as directed by the Engineer" is not necessary. Change has been made.

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John Bosnoian  
[JBosnoian@hntb.com](mailto:JBosnoian@hntb.com)  
904-903-0934

Comments: (10-10-19, Industry)

Is the intent to remove the subslab and sheet metal strip at bridge expansion joints constructed with PCCP on asphalt base? 2. The statement "For concrete pavement using the asphalt base option, construct the expansion joints in accordance with the Standard Plans, Index 350-001.", however Index 350-001 Note 5 states "... For bridge expansion joints, see Index 370-001." So the spec refers to Standard Plan 350-001, but 350-001 refers to 370-001 which specifies a sub slab. Will these be updated?

Response: Response: (11-12-19) Mary Jane Hayden – [maryjane.hayden@dot.state.fl.us](mailto:maryjane.hayden@dot.state.fl.us) – 850-414-4783. Yes, the intent is to not require the sleeper slab and sheet metal strip for bridge expansion joints using asphalt base. Index 350-001, Note 5 does generically refer to 370-001 for bridge expansion joints. However, Index 370-001, Note 1 says "For asphalt base, use four expansion joints per Index 350-001." Index 370-001 is only intended for bridge approach expansion joints for concrete pavement with Special Select Soil Base. Standard Plans Indexes 350-001 and 370-001 will be reassessed to see how we can make them work together more clearly. Thank you.

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Anonymous

Comments: (10-10-19, Industry)

370-3 Construction Methods: I believe the correct term is "Indices" when pluralizing the word "Index". Also, linear sentence grammar is violated, meaning the phrase should be "Indices 350-001 and 370-001" or "Index 350-001 and Index 370-001", not "Indexes (sic) 350-001, Index 370-001". Finally, following AASHTO Articles naming convention, I believe Article 3 should be "Construction Requirements", not "Construction Methods".

Response: Response: Both forms of pluralization (“indices” and “indexes”) are correct. “Indices” is the Latin plural form, while “indexes” is the English form. FDOT typically uses the English form of pluralization, and this is used throughout the FDOT Standard Specifications (and other FDOT publications). Preference is to note this as, “Indexes 350-001, 370-001, and as directed...” to remain consistent with typical FDOT formatting.

Response: Thank you for your comment. This comment is outside the scope of these changes. Updating the name of this Article will be considered for future revisions.

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Andre Tanner  
[Andre.tanner@dot.state.fl.us](mailto:Andre.tanner@dot.state.fl.us)  
407-364-3306

Comments: (10-18-19, Industry)

Article 370-3 Construction Methods This should read "Article 370-3 is deleted and the following substituted." Currently reads Article 370-1

Response: Change has been made.

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