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## Index 430-001 Miscellaneous Drainage Details

### ORIGINATION

**Date:** 6-9-21

**Name:** Tim Holley

**Phone:** 850 414-4117

**Email:** tim.holley@dot.state.fl.us

### COMMENTARY

Moved "Joining Mainline Pipe to Stub Pipe Details" and Notes 2 and 3 to the Standard Plans Instructions and deleted notes 5-7. The Drainage Manual requires pipe junctions to have topside access via a structure. Deviation from using a structure to join pipes requires District Drainage Engineer approval. While there are applications where the stub to mainline pipe may be needed, the detail is proposed to be removed from the Index to emphasize it as a non-standard item.

### COMMENTS AND RESPONSES

**BLACK** = Internal Review Comments    **RED** = Standard Plans Response    **GREEN** = Change Made to Index

**Name:** K.C. Jose

**Date:** 7-9-21

#### **COMMENT:**

- 1) Dowel bar- depth of embedment / cut of toe to the end wall is not shown.
- 2) Dowel bar size notated as ½". This may be changed to #4 bar for consistency.
- 3) Spacing for rebar/ hoop to be mentioned.

**RESPONSE:** Thanks for the comments. These suggestions will be sent to the State Structures office for future consideration, but all comments are outside of the scope of the current revisions.

**No Change made to Index**

**Date:** 7-20-21