Contact Information:
Date: July 29, 2021
Originator: Rick Jenkins
Phone: (850) 414-4355
Email: rick.jenkins@dot.state.fl.us

Summary of the changes:
Redrew details; Rewrote notes

Standard Plans:
Index Number: 520-010
Sheet Number (s): All
Index Title: Median Opening Flume

Commentary / Background:
Revised and reorganized details to match other indexes. Rewrote notes and deleted pay tiem and design information that is now located in the SPI.

Other Affected Offices / Documents: (Provide name of person contacted)
Yes No
☐ ☑ Other Standard Plans –
☐ ☑ FDOT Design Manual –
☐ ☑ Basis of Estimates Manual –
☐ ☑ Standard Specifications –
☐ ☑ Approved Product List –
☐ ☑ Construction –
☐ ☑ Maintenance –

Origination Package Includes:
(Email or hand deliver package to Rick Jenkins)
Yes N/A
☑ ☐ Redline Mark-ups
☐ ☐ Proposed Standard Plan Instruction (SPI)
☐ ☐ Revised SPI
☐ ☐ Other Support Documents

Implementation:
☐ Design Bulletin (Interim)
☐ DCE Memo
☐ Program Mgmt. Bulletin
☑ FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form
Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us
REDEVELOPED INDEX

NEW SUB SECTION: MEDIAN OPENING DETAILS

SECTION AA

Provide Smooth Section
Match Existing Grade

Prop. Pavt.
Median
Exist. Or New Pavt.

GRADE TO DRAIN AS SHOWN IN THE PLANS OR AS ADJUSTED BY THE ENGINEER DURING CONSTRUCTION

Slope To Approx. Match That Of Adjoining Pavt. (Breakover 0.02 Min., 0.05 Max.)

Runoff

Flume Or Flumes At The Point Or Points Of Low Grade. See Details.

Limits Of The Median Curb Or Curb And Gutter. Construct A Drainage Flume Or Flumes At The Point Or Points Of Low Grade. See Details.


SECTION BB

(May Drain From Any Point Designated In the Plans Or As Adjusted By the Engineer During Construction)

Prop. Pavt.

Crown Line (Exist. Pavt.) Or Lane Line Of Superelevated Pavt. (Exist. Pavt. Or New 4-Lane Pavt.)

Med. Width As Indicated In Detail Plans

Runoff

Prop. Pavt., Warp Surface If Necessary To Drain To Prop. Flumes

Runoff

Slope To Approx. Match That Of Adjoining Pavt. (Breakover 0.02 Min., 0.05 Max.)

Prop. Median Pavt., Warp Surface If Necessary To Drain To Prop. Flumes

PUBLIC RD. OR CROSSEVER

NEW SUB SECTION: FLUME DETAILS

FLUME DETAIL

SECTION CC

NEW SUB SECTION:
FLUME DETAILS

WARPING THE SURFACE OF THE MEDIAN PAVEMENT IF NECESSARY, WITHIN PROVIDE APPROXIMATELY A MINIMUM OF 0.20% GRADE ON GUTTER, SIDEWALK, AND MEDIAN PAVEMENT EXCEPT AT THE POINTS OF LOW GRADE.

PROP. MEDIAN PAVT., WARP SURFACE IF NECESSARY TO DRAIN TO PROP. FLUMES

FLAMES TO BE LOCATED IN LOW POINT OF NOSES AND AT OTHER POINTS AS DESIGNATED IN THE PLANS. THE LOCATIONS MAY BE ADJUSTED BY THE ENGINEER DURING CONSTRUCTION.

GENERAL NOTES

1. These details are to apply to projects which provide for the conversion of 2-lane sections to 4-lane divided highway sections and for superimposed sections of new 4-lane divided highways. Layout above is illustration only. Drawings to be included in the contract price for curb or curb and gutter. Not to be paid for under the contract unit price for Performance.

2. Flumes to be located in low point of noses and at other points as designated in the plans. The locations may be adjusted by the Engineer during construction.

update notes to remove payment info and delete design criteria that is located in SPI

PUBLIC RD. OR CROSSEVER

INDEX

 Fiscal Year 2021-22

STANDARD PLANS
NOTES:

1. These details are to apply to projects which provide for the conversion of 2-lane sections to 4-lane divided highway sections and for super-elevated sections of new 4-lane divided highways. Layout above is illustration only.

2. See Plans for flume length and location and grade of gutter. Flume locations may be adjusted by the Engineer during construction. If necessary to provide minimum gutter grade, warp surface of the median pavement within limits of the median curb or curb and gutter.