Contact Information:
Date: January 27, 2021
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Standard Plans:
Index Number: 520-001
Sheet Number (s): All
Index Title: Curb and Gutter

Summary of the changes:
Sheet 1: New General Note and Overview.
Sheet 2: (Old Sheet 1) Renumbered, rearranged, and updated notes.
Sheet 3: (Old Sheet 2) Renumbered, rearranged and moved General Notes to new Sheet 1.

Commentary / Background:
Redeveloped index. Moved General Notes to new sheet 1 and created isometric views to stay consistent with other indexes.

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
2. When used on high side of roadways, the cross slope of the gutter shall match the cross slope of the adjacent pavement. The thickness of the lip shall be 3", unless otherwise shown on plans.

3. Rotate entire section so that gutter cross slope matches slope of adjacent circulating roadway pavement.

UPDATED NOTES

1. For use adjacent to concrete or flexible pavement. For details depicting usage adjacent to flexible pavement, see Sheet 2. Expansion joint, preformed joint filler and joint seal are required between curb & gutter and concrete pavement only, see Sheet 2.
PROFILE FLARED END
CURB TYPE A

CURB AND GUTTER ENDSING

SHOULDER GUTTER

TYPE E

Depth Of Sawcut
3½' Max.
0' Min.

Type of Sawcut
2½' Min.

Depth Of Sawcut
3½' Max.
0' Min.

TYPE F

Sawcuts should be avoided within valley gutter and within curb and gutter endings.

CONTRACTION JOINT IN CURB AND GUTTER

TYPE A

CONTRACTION JOINT IN CURB

TYPE B

TYPE D

NOTE 1
Applies to both high and low sides of pavement, low side shown.
Applies to shoulder gutter only where adjoining traffic lanes.

CURB AND GUTTER AND TYPE A CURB
ADJACENT TO FLEXIBLE PAVEMENT

CHANGED TO: See Note 1

Surface on Low Side Of Pavement to Be ½' Above Lip Of Gutter. Surface
On High Side To Be Flush With Lip Of Curb Or Curb & Gutter.

EXPANSION JOINT BETWEEN GUTTER
AND CONCRETE PAVEMENT

CHANGED TO: See Note 2

Applies to both high and low sides of pavement, low side shown.

NOTE 2
Applies to high and low sides of pavement, low side shown.

CONCRETE BUMPER GUARD

 ASPHALTIC CONCRETE CURB

MOVED TO SHEET 1

GENERAL NOTES

1. For curb, gutter and curb & gutter provide 18" - 32" contraction joints at 10' centers (max.) Contraction joints adjacent to concrete pavement on tangents and flat curves are to match the pavement joints, with intermediate joints not to exceed 10' centers. Curb, gutter and curb & gutter expansion joints shall be located in accordance with Specification 520.

2. Ends of Curbs Types B and D shall transition from full to zero heights in 3'.

CURB AND GUTTER
GENERAL NOTES:
1. For curb, gutter and curb & gutter provide 1/4" - 1/2" contraction joints at 10' centers (max.). Contraction joints adjacent to concrete pavement on tangents and flat curves are to match the pavement joints, with intermediate joints not to exceed 10' centers.
2. Locate expansion joints for curb, gutter and curb & gutter in accordance with Specification 520.

TABLE OF CONTENTS:

<table>
<thead>
<tr>
<th>Sheet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General Notes and Contents</td>
</tr>
<tr>
<td>2</td>
<td>Concrete Curb and Gutter</td>
</tr>
<tr>
<td>3</td>
<td>Curb and Gutter Joints and Endings, Concrete Bumper Guard, and Asphaltic Concrete Curb</td>
</tr>
</tbody>
</table>

1. For curb, gutter and curb & gutter provide 1/4" - 1/2" contraction joints at 10' centers (max.). Contraction joints adjacent to concrete pavement on tangents and flat curves are to match the pavement joints, with intermediate joints not to exceed 10' centers.

2. Locate expansion joints for curb, gutter and curb & gutter in accordance with Specification 520.
1. For Type A, Type B, and Type D Curb: Expansion joint, preformed joint filler and joint seal are required between curbs and concrete pavement only; see Sheet 3.

2. For Type E, Type F, Drop Curb, and Valley Gutter: When used on high side of roadways, match the cross slope of the curb to the cross slope of the adjacent pavement. The thickness of the lip is 6", unless otherwise shown on Plans.

3. For Type RA, rotate entire section so that gutter cross slope matches slope of adjacent circulating roadway pavement.

4. For Type RA, rotate entire section so that gutter cross slope matches slope of adjacent circulating roadway pavement.

5. For details depicting usage of Type A Curb adjacent to flexible pavement, concrete shown. See Note 3

6. For use adjacent to concrete or flexible pavement, concrete shown. See Note 1

NOTE: See the toll site details for conduit requirements.
**CONTRACTION JOINTS IN CURB**

Sawcuts should be avoided within valley gutter and within curb and gutter endings.

**CONTRACTION JOINTS IN CURB & GUTTER**

**EXPANSION JOINT BETWEEN GUTTER AND CONCRETE PAVEMENT**

**CURB AND GUTTER ENDS**

**CURB AND GUTTER JOINTS AND ENDINGS, CONCRETE BUMPER GUARD, AND ASPHALTIC CONCRETE CURB**