Contact Information:
Date: January 28, 2021
Originator: Rick Jenkins
Phone: (850) 414-4355
Email: rick.jenkins@dot.state.fl.us

Summary of the changes:
Sheet 5- Added knuckled selvage as an option to the chain-link railing option

Commentary / Background:
The selvage requirements detailed on Index 515-052 were based on a conservative approach to secure the bottom edge. Using knuckle selvage top and bottom would be acceptable.

Other Affected Offices / Documents: (Provide name of person contacted)
Yes
☐ 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.
**SECTION A-A**

**See Detail "1B"**

**See Detail "1A"**

**A**

**A**

**Picket**

**Picket**

6" O.C. (Max.)

Picket Spacing * (Typ.)

**Post**

**Intermediate Rail**

**Picket - 3/8 Ø Bar (Typ.)**

**45° Beveled End Permitted (Shown dashed)**

**(Top of Picket Connection)**

**See Detail "1A"**

**Post & Anchor Bolt**

**Post**

**Bottom Rail**

**45° Beveled End Permitted (Shown dashed)**

**Base Plate**

**1/2'' Thick Resilient or Neoprene Pad**

**DETAIL "1B"**

(Top of Picket Connection)

**Anchor Bolt**

**DETAIL "1A"**

(Bottom of Picket Connection)

3" Nominal Opening

Equal Clear Openings at Posts

2-1/2" Min. - 5-3/8" Max. (Typ.)

**SECTION A-A**

**2" mesh with knuckled top and bottom selvage**

**Tie Wires**

**Tension Bars**

**Miscellaneous Fence Components**

**COMPONENT INFORMATION**

**COMPONENT**

- Zinc-Coated Steel
- Aluminum-Coated Steel - No. 9 gage (coated wire diameter), Class 2 Coating
- Zinc-Coated Steel - No. 9 gage (coated wire diameter), Class 2 Coating
- Polyvinyl Chloride (PVC) Coated Steel - No. 9 gage Zn-Coated Wire (metallic-coated core wire diameter) ~ See Plans for specified color of PVC
- Zinc-Coated Steel Wire - No. 9 gage with coating to match Chain-Link Fence Fabric.

**CHAIN-LINK PANEL NOTE:**

Chain-Link Fence Fabric shall be continuous along limits of railing. Splicing of Chain-Link panels using Tension Bars at 20'-0" minimum increments is permitted.

**NOTES:**

1. See Plans for Infill Panel option required.

**TABLE 2 - CHAIN-LINK PANEL COMPONENT MATERIALS**

<table>
<thead>
<tr>
<th>COMPONENT</th>
<th>ASTM</th>
<th>COMPONENT INFORMATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chain-Link Fence Fabric (2&quot; mesh x No. 9 gauge wire)</td>
<td>A 392</td>
<td>Zinc-Coated Steel - No. 9 gage (coated wire diameter), Class 2 Coating</td>
</tr>
<tr>
<td>Chain-Link Fence Fabric (2&quot; mesh x No. 9 gauge wire)</td>
<td>A 491</td>
<td>Aluminum-Coated Steel - No. 9 gage (coated wire diameter)</td>
</tr>
<tr>
<td>Polyvinyl Chloride (PVC) Coated Steel - No. 9 gage Zn-Coated Wire (metallic-coated core wire diameter) ~ See Plans for specified color of PVC</td>
<td>F 668</td>
<td></td>
</tr>
<tr>
<td>Tie Wires</td>
<td>F 626</td>
<td>Zinc-Coated Steel Wire - No. 9 gage with coating to match Chain-Link Fence Fabric.</td>
</tr>
<tr>
<td>Tension Bars</td>
<td>F 626</td>
<td>1/8'' (Min. thickness) x 1/2'' (Min. width) x 2'-3'' (Min. height) Steel Bars</td>
</tr>
<tr>
<td>Miscellaneous Fence Components</td>
<td>F 626</td>
<td>Zinc-Coated Steel</td>
</tr>
</tbody>
</table>

**Knuckled Selvage (Typ.)**

**Redraw as knuckled**

**Knuckled Selvage (Typ.)**

**TYPE 1 - PICKET INFILL PANEL**

* Picket Spacing of 6½" centers is based on a 3/8" Ø Bar for standard applications. When shown in the Contract Plans a 4½" picket spacing may be required. See Note 4 (Sheet 1).
**SECTION A-A**

- See Detail "1B"
- See Detail "1A"

**TYPE 1 - PICKET INFILL PANEL**

- Picket Spacing of 6" centers is based on a ½" Ø Bar for standard applications. When shown in the Contract Plans a 4½" picket spacing may be required. See Note 4 (Sheet 1).

**TYPE 2 - CHAIN-LINK (Continuous Infill Panel)**

**TABLE 2 - CHAIN-LINK PANEL COMPONENT MATERIALS**

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<tr>
<th>COMPONENT</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Chain-Link Fence Fabric (2 mesh with knuckled top and bottom selvage)</td>
<td>A 392</td>
<td>Zinc-Coated Steel - No. 9 gage (coated wire diameter), Class 2 Coating</td>
</tr>
<tr>
<td></td>
<td>A 491</td>
<td>Aluminum-Coated Steel - No. 9 gage (coated wire diameter)</td>
</tr>
<tr>
<td></td>
<td>F 660</td>
<td>Polyvinyl Chloride (PVC) Coated Steel - No. 9 gage Zinc-Coated Wire (metallic-coated core wire diameter) - See Plans for specified color of PVC</td>
</tr>
<tr>
<td>Tie Wires</td>
<td>F 626</td>
<td>Zinc-Coated Steel Wire - No. 9 gage with coating to match Chain-Link Fence Fabric</td>
</tr>
<tr>
<td>Tension Bars</td>
<td>F 626</td>
<td>⅛&quot; (Min. thickness) x ⅛&quot; (Min. width) x 2'-3&quot; (Min. height) Steel Bars</td>
</tr>
<tr>
<td>Miscellaneous Fence Components</td>
<td>F 626</td>
<td>Zinc-Coated Steel</td>
</tr>
</tbody>
</table>

**CHAIN-LINK PANEL NOTE:**
Chain-Link Fence Fabric shall be continuous along limits of railing. Splicing of Chain-Link panels using Tension Bars at 20'-0" minimum increments is permitted.