ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information — Incomplete forms will be returned)

Contact Information:
Date: March 5, 2021
Originator: Rick Jenkins
Phone: (850) 414-4355
Email: rick.jenkins@dot.state.fl.us

Standard Plans:
Index Number: 706-001
Sheet Number (s): 1, 3, and 4
Index Title: Typical Placement of Raised Pavement Markers

Summary of the changes:

Sheet 1: Added Note 5 to direct users to use epoxy for RPMs on concrete surfaces.

Sheet 3: Added note 3 stating that yellow reflective paint on median nose is required for vertical face only. Do not paint surfaces where RPMs are to be installed.

Sheet 4: Revise Detail "G" to remove yellow paint from nose and call for white RPMs to be consistent with MUTCD.

Commentary / Background:
Added clarity to the index that RPMs should not be placed on painted surfaces. Also specified that bituminous is not allowed for installation of RPMs on concrete. Sheet 4 previously showed yellow RPMs and yellow paint on the face of the curb which did not align with the MUTCD.

Other Affected Offices / Documents: (Provide name of person contacted)

- 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.
FLUSH MEDIAN OPENINGS

RPM PLACEMENT AT MEDIAN OPENINGS

(When called for in the Plans)

DETAIL "A"

DETAIL "B"

DETAIL "C"

DETAIL "D"

DETAIL "E"

DETAIL "F"

RPM PLACEMENT DETAIL

LEGEND:

B/C = BACK OF CURB
EOP = EDGE OF PAVEMENT
RPM = RAISED PAVEMENT MARKER
W/R = WHITE/RED RPM
Y/R = YELLOW/RED RPM
Y/Y = YELLOW/YELLOW RPM
W/Y = WHITE/YELLOW RPM
MD/Y = MONO-DIRECTIONAL YELLOW RPM

NOTES:

1. For Type "E" Curb, install RPMs along the pavement edge marking using the same spacing shown.

2. Orient traffic faces of RPMs in curb and on be in the same direction of travel lanes.

ADDED NOTE 3. Yellow Reflective Paint on Median Nose is required for vertical face only. Do not paint surfaces where RPMs are to be installed.
RPM PLACEMENT AT ISLANDS
(When called for in the Plans)

NOTES:
1. For Type "E" Curb install RPMs along the pavement edge marking using the same spacing shown.
2. Orient traffic faces of RPMs in median radii to be parallel to direction of travel lanes.

RPM PLACEMENT AT TRAFFIC SEPARATORS
(When called for in the Plans)

LEGEND:
- B/C = BACK OF CURB
- EOP = EDGE OF PAVEMENT
- RPM = RAISED PAVEMENT MARKER
- W/R = WHITE/RED RPM
- Y/Y = YELLOW/YELLOW RPM
- W/R = WHITE/RED RPM
- MD/W = MONO-DIRECTIONAL WHITE RPM
- MD/Y = MONO-DIRECTIONAL YELLOW RPM
- Y/R = YELLOW/RED RPM

11/01/21
GENERAL NOTES:
1. Offset all RPMs 1" from solid longitudinal lines unless otherwise noted or shown.
2. Spacing may be reduced for sharp curves if required.
3. For placement of RPMs on ramps, see Index 711-003.
4. Make the traffic face of the RPM the same color as the pavement marking that it is supplementing.
5. Use epoxy for RPMs on concrete surfaces. Use luminous or epoxy for RPMs on asphalt.

LEGEND:
- B/C = BACK OF CURB
- EOP = EDGE OF PAVEMENT
- RPM = RAISED PAVEMENT MARKER
- W/R = WHITE/RED RPM
- Y/Y = YELLOW/YELLOW RPM
- Y/R = YELLOW/RED RPM
- MD/Y = MULTIDIRECTIONAL YELLOW RPM

1. Offset all RPMs 1" from solid longitudinal lines unless otherwise noted or shown.
2. Spacing may be reduced for sharp curves if required.
3. For placement of RPMs on ramps, see Index 711-003.
4. Make the traffic face of the RPM the same color as the pavement marking that it is supplementing.
5. Use epoxy for RPMs on concrete surfaces. Use luminous or epoxy for RPMs on asphalt.
**NOTES:**

1. For Type "E" Curb, install RPMs along the pavement edge making using the same spacing shown.

2. Orient traffic faces of RPMs in curb median radii to be parallel to direction of travel lanes.

3. Yellow Reflective Paint on Median Nose is required for vertical face only. Do not paint surfaces where RPMs are to be installed.

---

**LEGEND:**

- **B/C** = BACK OF CURB
- **EOP** = EDGE OF PAVEMENT
- **RPM** = RAISED PAVEMENT MARKER
- **W/R** = WHITE/RED RPM
- **Y/R** = YELLOW/RED RPM
- **Y/Y** = YELLOW/YELLOW RPM
- **MD/Y** = Mono-DIRECTIONAL YELLOW RPM

---

**FLUSH MEDIAN OPENINGS**

RPM PLACEMENT AT MEDIAN OPENINGS

(When called for in the Plans)
RPM PLACEMENT AT ISLANDS
(When called for in the Plans)

NOTES:
1. For Type "E" Curb install RPMs along the pavement edge marking using the same spacing shown.
2. Orient traffic faces of RPMs in median radii to be parallel to direction of travel lanes.

For Illustrative Purpose Only

<table>
<thead>
<tr>
<th>POSTED SPEED LIMIT MPH</th>
<th>FEET</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 OR LESS</td>
<td>10</td>
</tr>
<tr>
<td>35</td>
<td>20</td>
</tr>
<tr>
<td>40</td>
<td>20</td>
</tr>
<tr>
<td>45</td>
<td>30</td>
</tr>
<tr>
<td>50 OR MORE</td>
<td>40</td>
</tr>
</tbody>
</table>

LEGEND:
EOP = Edge of Pavement
RPM = Raised Pavement Marker
W/R = White/Red RPM
Y/Y = Yellow/Yellow RPM
W/R = White/Red RPM
MD/W = Mono-Directional Yellow RPM
MD/W = Mono-Directional White RPM

RPM PLACEMENT AT TRAFFIC SEPARATORS
(When called for in the Plans)