
Index 706-001

Typical Placement of Raised Pavement Markers

ORIGINATION

Date: 3-5-21

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COMMENTARY

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.

COMMENTS AND RESPONSES

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

Name: Neil Rose

Date: 5-28-21

COMMENT: I am opposed to the requirement that we use epoxy for RPMs installed on concrete surfaces for several reasons. I don't like the chemicals/solvents required for cleanup of epoxy. The equipment for mixing epoxy is much more cumbersome. Mixing epoxy by hand for small quantity applications is wasteful and messy.

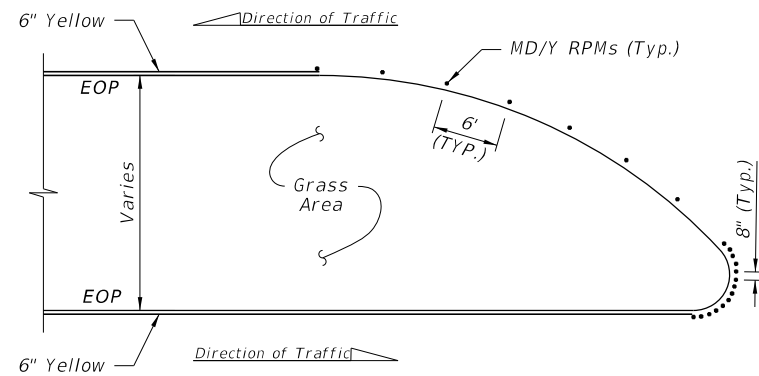
Will epoxy be required for RPM installation on median/island noses? Will epoxy be required for temporary RPMs on concrete?

While a marker installed with epoxy is very permanent they do get knocked off. I have seen sizable chunks of concrete pulled off the road by the epoxy adhesive. One of the reasons FDOT stopped using epoxy (25 years ago?) was the damage to the roadway (asphalt and concrete) when a marker is knocked off the road.

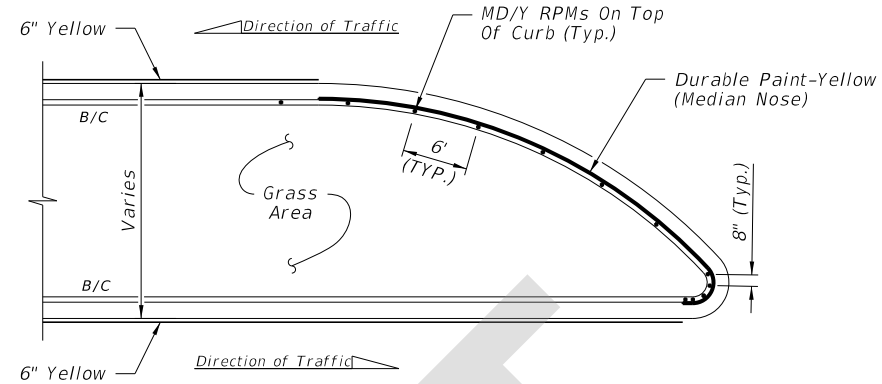
RESPONSE: Agree that requiring epoxy for all RPMs on concrete pavement was not the intent. The intent was to require epoxy for RPMs on concrete median noses where there is a continued issue of RPMs popping off. The new General Note 5 from sheet 1 will be deleted and two new notes will be added to sheet 3 to make it clear that the intent of the epoxy is for concrete median noses.

Change made to Index: The new General Note 5 on sheet 1 will be deleted. Two new notes will be added to Sheet 3.

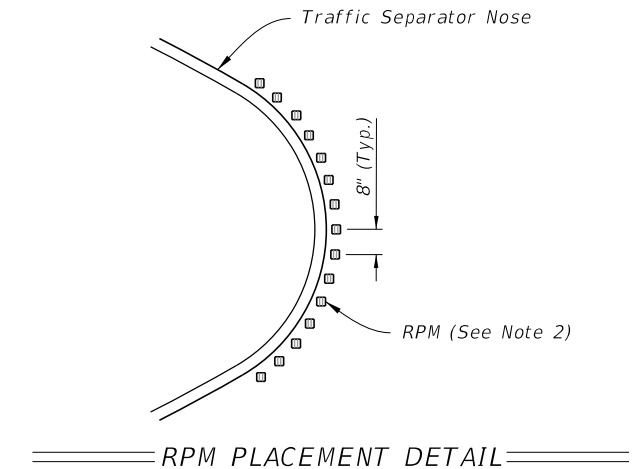
Date: 6-10-21



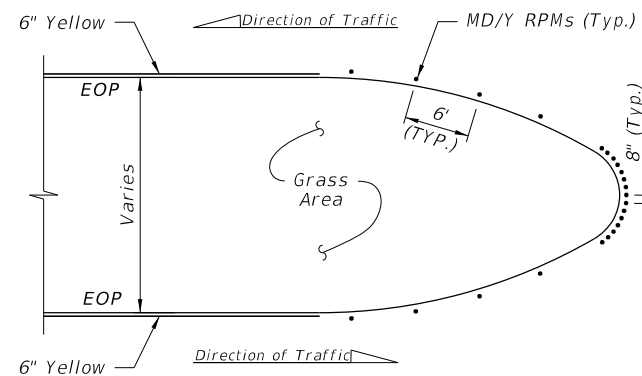
DETAIL "A"



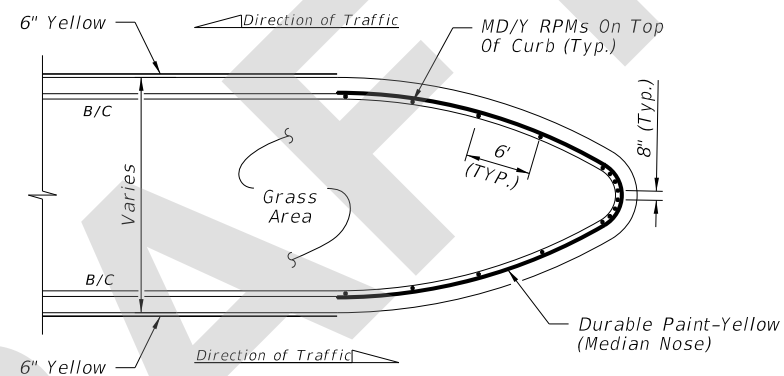
DETAIL "D"



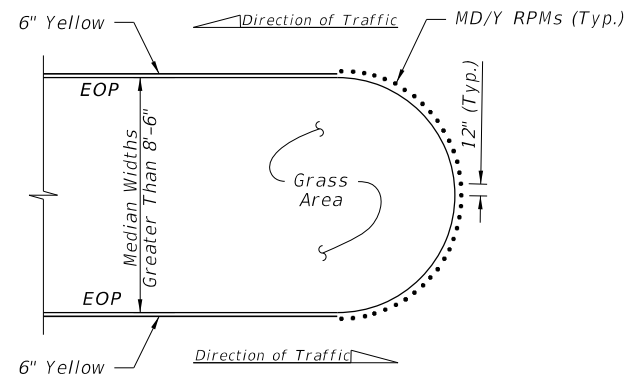
RPM PLACEMENT DETAIL



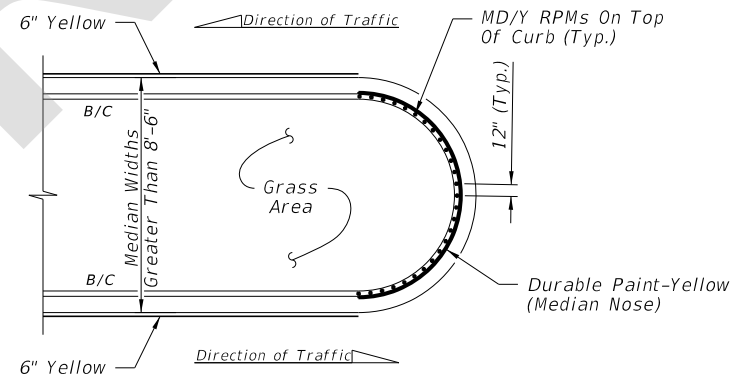
DETAIL "B"



DETAIL "E"



DETAIL "C"



DETAIL "F"

FLUSH MEDIAN OPENINGS

TYPE "D" OR "F" CURB

RPM PLACEMENT AT MEDIAN OPENINGS
(When called for in the Plans)

POSTED SPEED LIMIT MPH	"Y" FEET
30 OR LESS	10
35	20
40	20
45	30
50 OR MORE	40

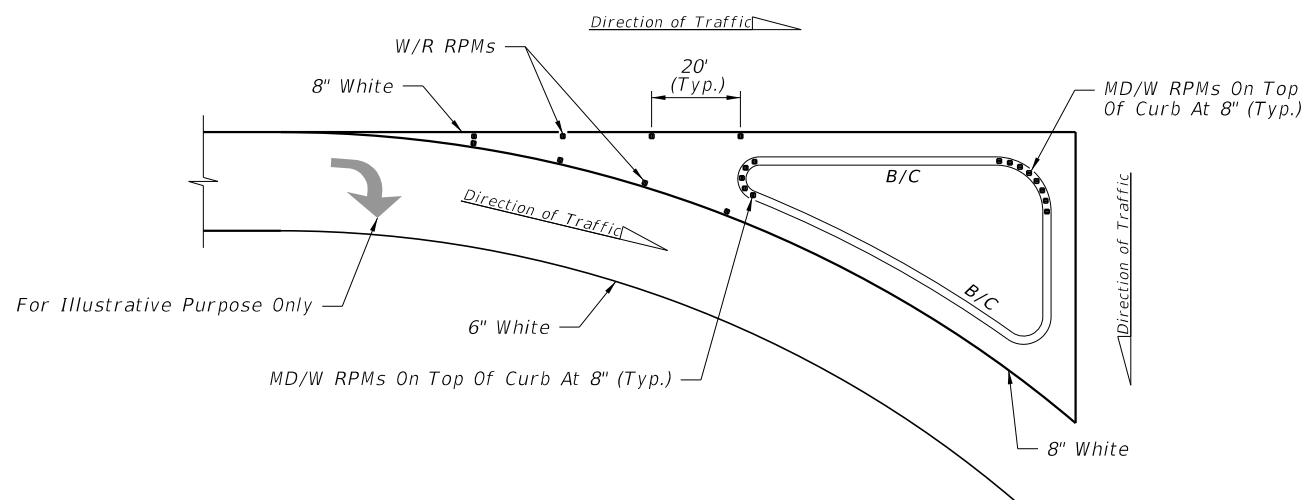
LEGEND:

- 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 = MONO-DIRECTIONAL YELLOW RPM

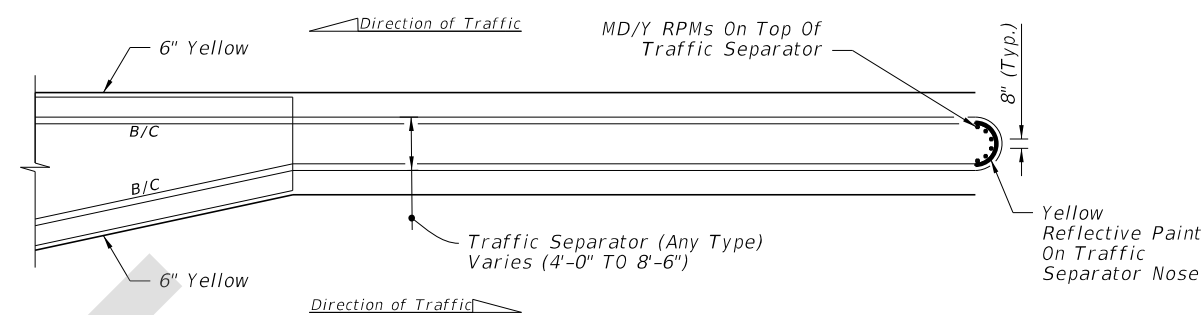
NOTES:

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 median radii to be parallel to direction of travel lanes.
3. Use epoxy adhesive to install RPMs on concrete median nose curbs.
4. Install RPMs on clean, unpainted surface. Do not paint curb surface where RPMs will be placed.

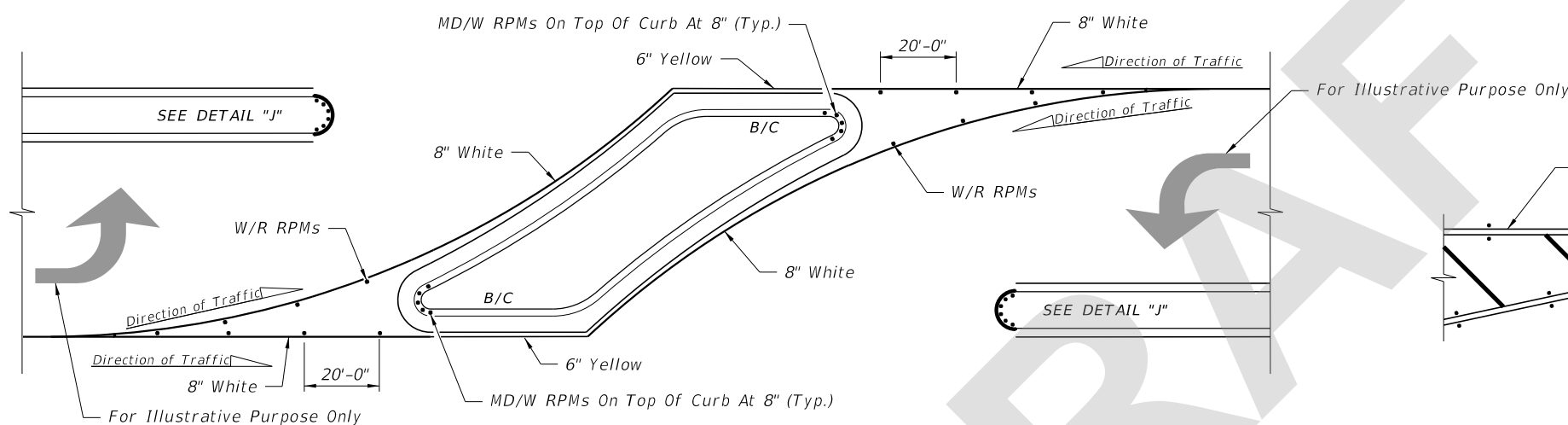
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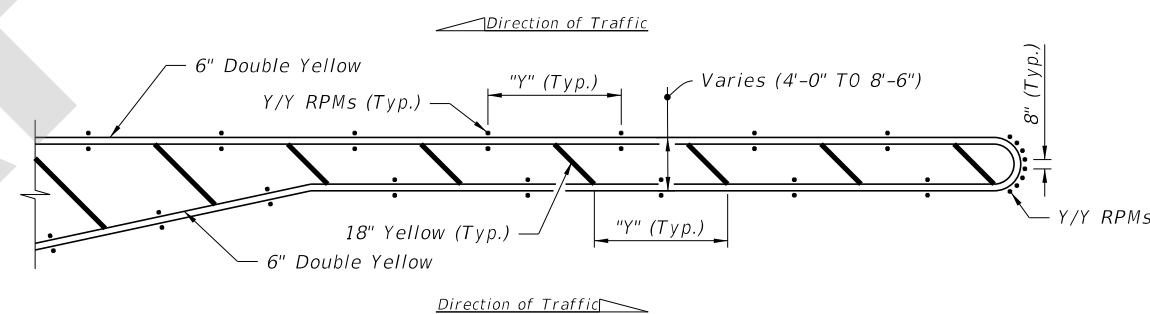
DETAIL "G"



DETAIL "J"



DETAIL "H"



DETAIL "K"

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

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

POSTED SPEED LIMIT MPH	"y" FEET
30 OR LESS	10
35	20
40	20
45	30
50 OR MORE	40

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.

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 = MONO-DIRECTIONAL YELLOW RPM
- MD/W = MONO-DIRECTIONAL WHITE RPM

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LAST REVISION	DESCRIPTION:
11/01/21	



FY 2022-23
STANDARD PLANS

**TYPICAL PLACEMENT OF
RAISED PAVEMENT MARKERS**

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SHEET
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