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## ORIGINATION FORM

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### 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. Changed all references to Yellow Reflective Paint to Durable Paint -Yellow.

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)

- | Yes                      | No                                  |                             |
|--------------------------|-------------------------------------|-----------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Other Standard Plans –      |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | FDOT Design Manual –        |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Basis of Estimates Manual – |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Standard Specifications –   |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Approved Product List –     |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Construction –              |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Maintenance –               |

**Origination Package Includes:**

(Email or hand deliver package to Rick Jenkins)

- | Yes                                 | N/A                      |                                          |
|-------------------------------------|--------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Redline Mark-ups                         |
| <input type="checkbox"/>            | <input type="checkbox"/> | Proposed Standard Plan Instruction (SPI) |
| <input type="checkbox"/>            | <input type="checkbox"/> | Revised SPI                              |
| <input type="checkbox"/>            | <input type="checkbox"/> | Other Support Documents                  |

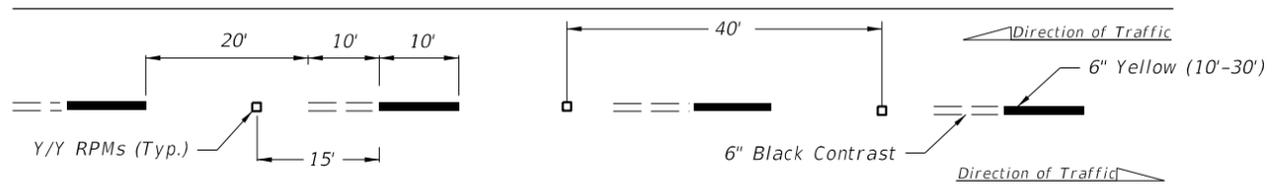
**Implementation:**

- |                                     |                                  |
|-------------------------------------|----------------------------------|
| <input type="checkbox"/>            | Design Bulletin (Interim)        |
| <input type="checkbox"/>            | DCE Memo                         |
| <input type="checkbox"/>            | Program Mgmt. Bulletin           |
| <input checked="" type="checkbox"/> | FY-Standard Plans (Next Release) |

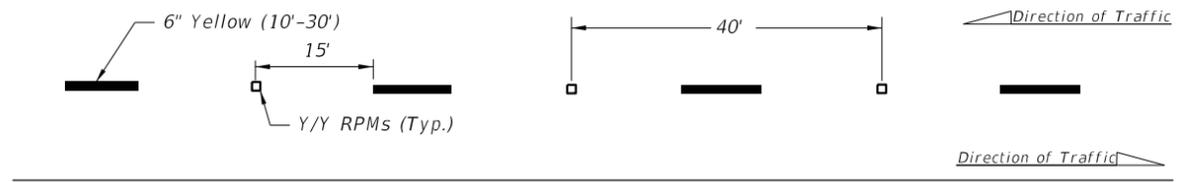
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Contact the Roadway Design Office for assistance in completing this form

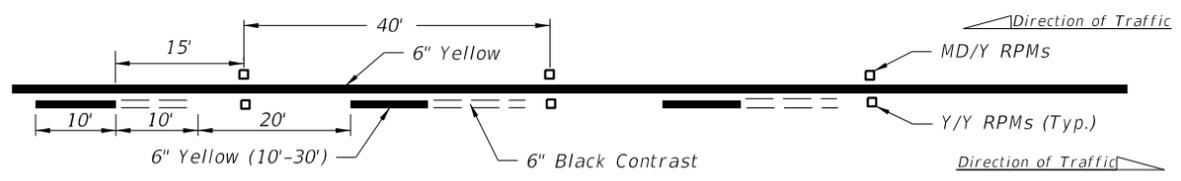
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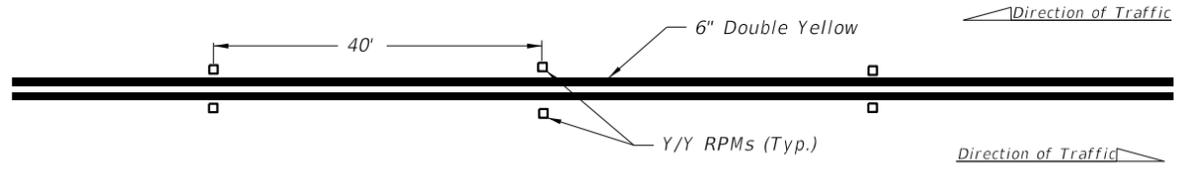
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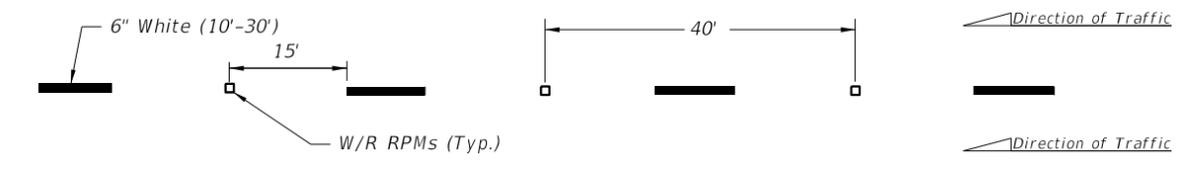
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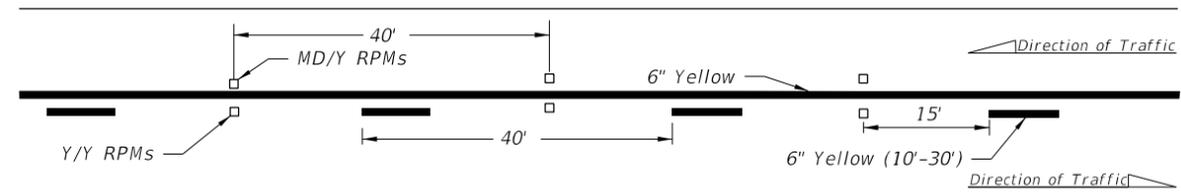
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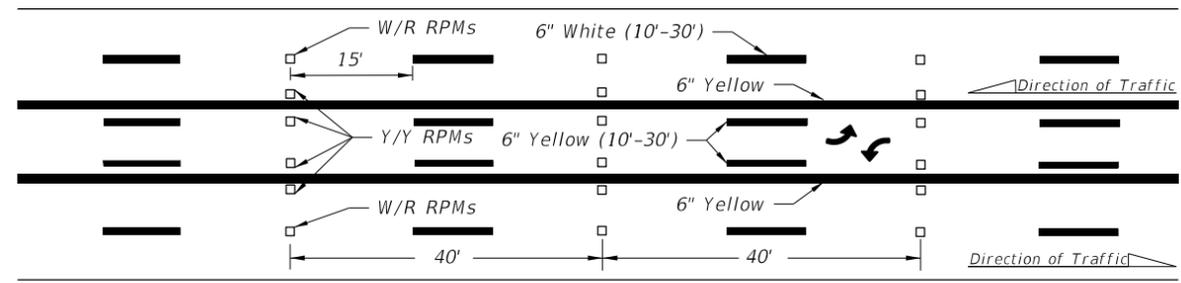
DOUBLE SOLID LINE



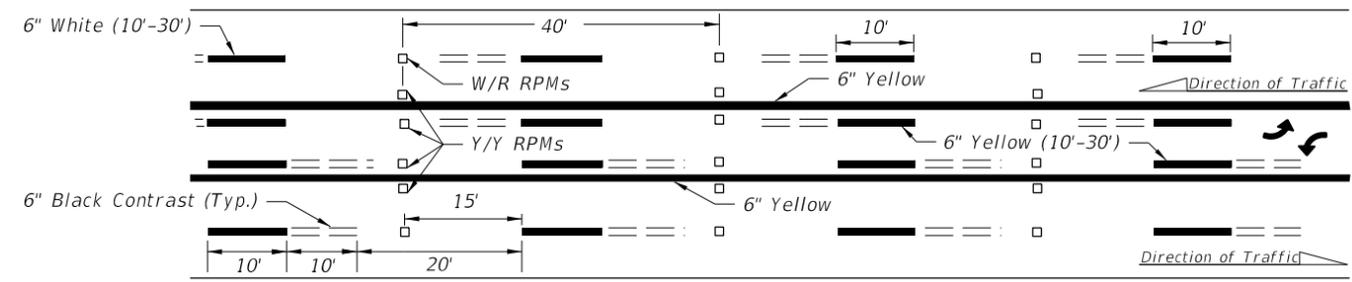
MULTILANE



SOLID LINE WITH SKIP



SKIP LINE WITH TWO-WAY LEFT TURN LANE



ALTERNATING SKIP LINE WITH TWO-WAY LEFT TURN LANE

**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.

**ADDED NOTE 5. Use epoxy for RPMs on concrete surfaces. Use bituminous 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 = MONO-DIRECTIONAL YELLOW RPM

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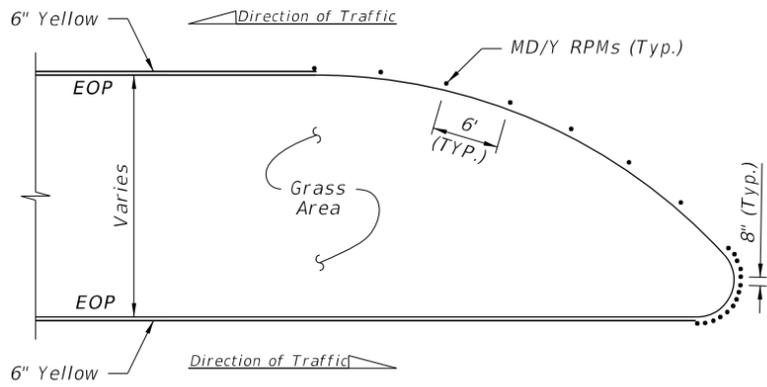
11/01/21

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11/01/18	

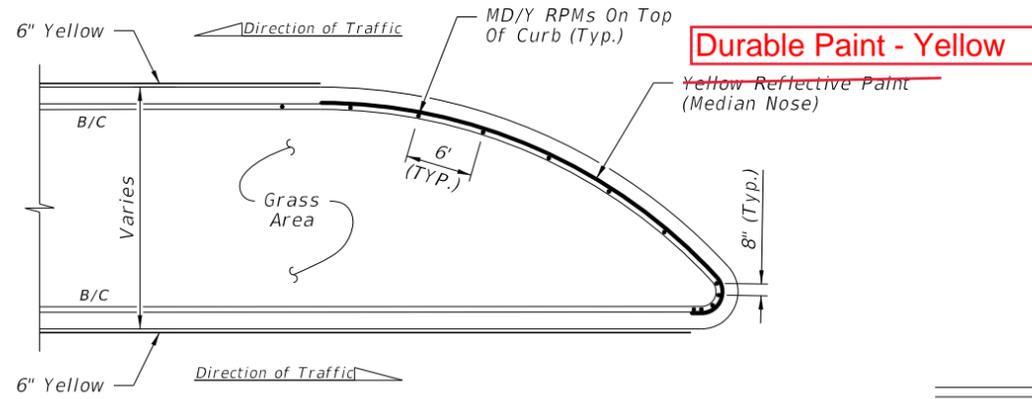

**FY 2021-22  
STANDARD PLANS**

**TYPICAL PLACEMENT OF  
RAISED PAVEMENT MARKERS**

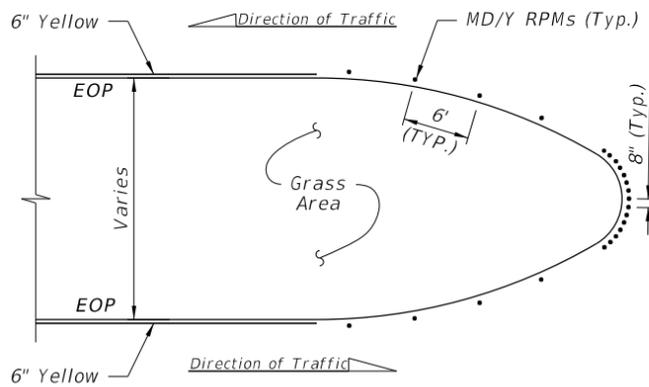
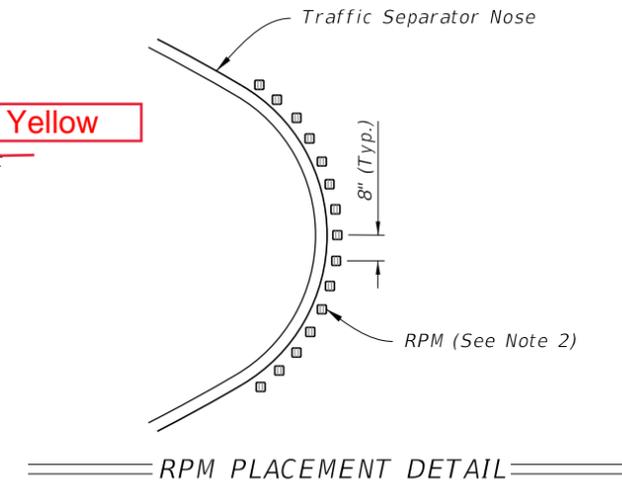
INDEX	SHEET
706-001	1 of 6



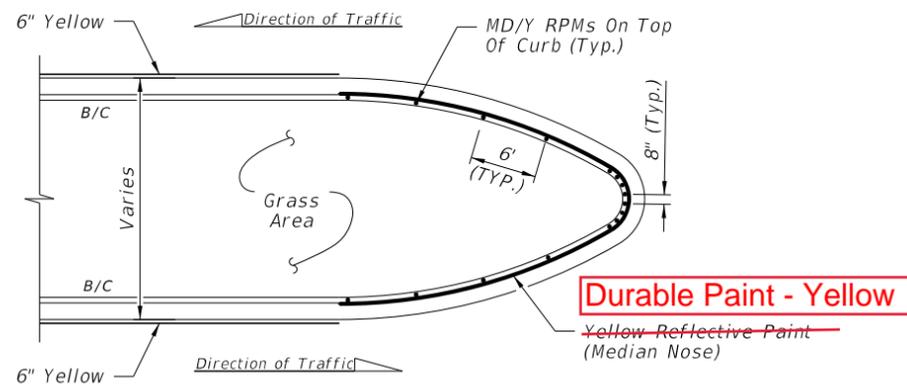
DETAIL "A"



DETAIL "D"



DETAIL "B"



DETAIL "E"

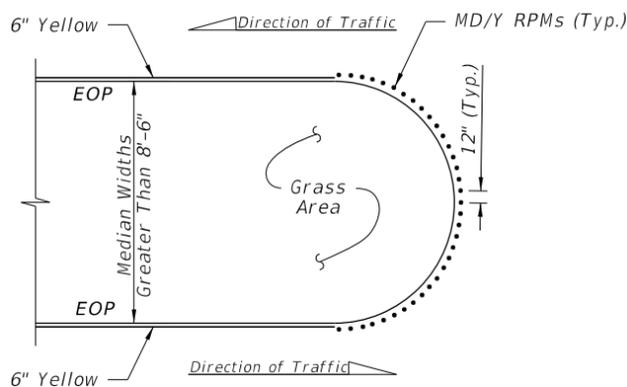
POSTED SPEED LIMIT MPH	"Y" FEET
30 OR LESS	10
35	20
40	20
45	30
50 OR MORE	40

**LEGEND:**

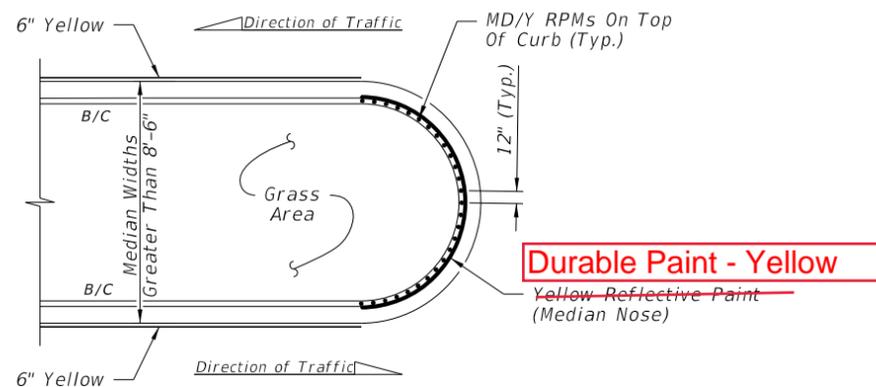
- B/C = BACK OF CURB
- EOP = EDGE OF PAVEMENT
- RPM = RAISED PAVEMENT MARKER
- W/R = WHITE/RED RPM
- Y/Y = YELLOW/YELLOW RPM
- Y/R = YELLOW/RED RPM
- MD/Y = MONO-DIRECTIONAL YELLOW RPM

**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.



DETAIL "C"



DETAIL "F"

FLUSH MEDIAN OPENINGS

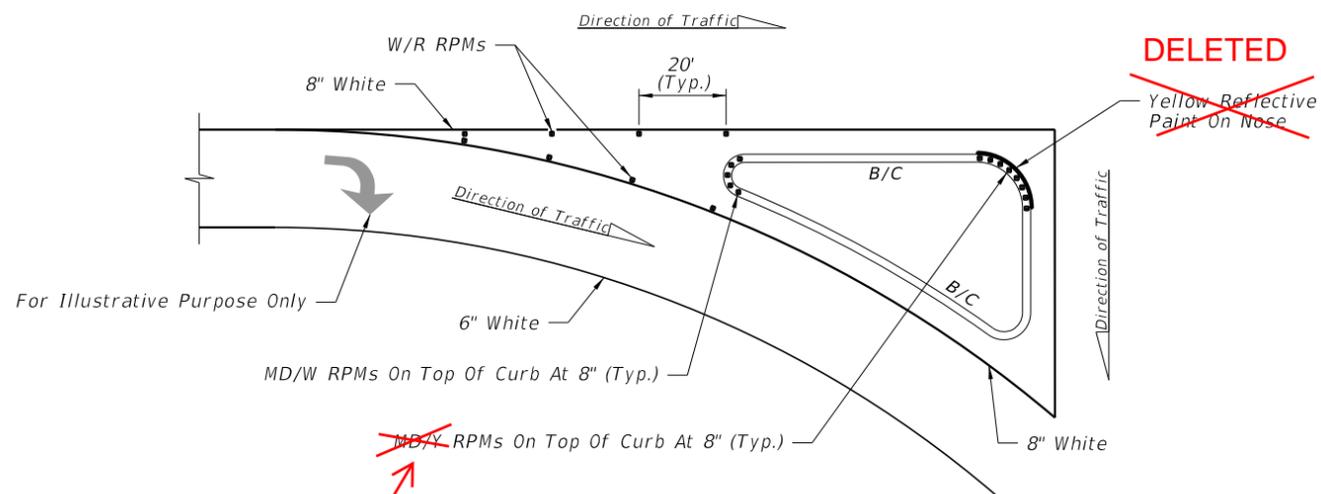
TYPE "D" OR "F" CURB

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

**ADDED NOTE 3. Yellow Reflective Paint on Median Nose is required for vertical face only. Ensure RPMs are installed on clean, unpainted concrete surface.**

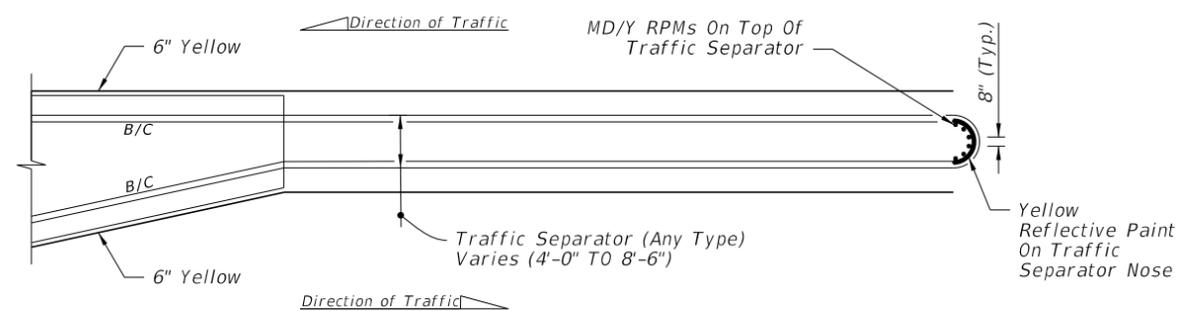
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11/01/21	

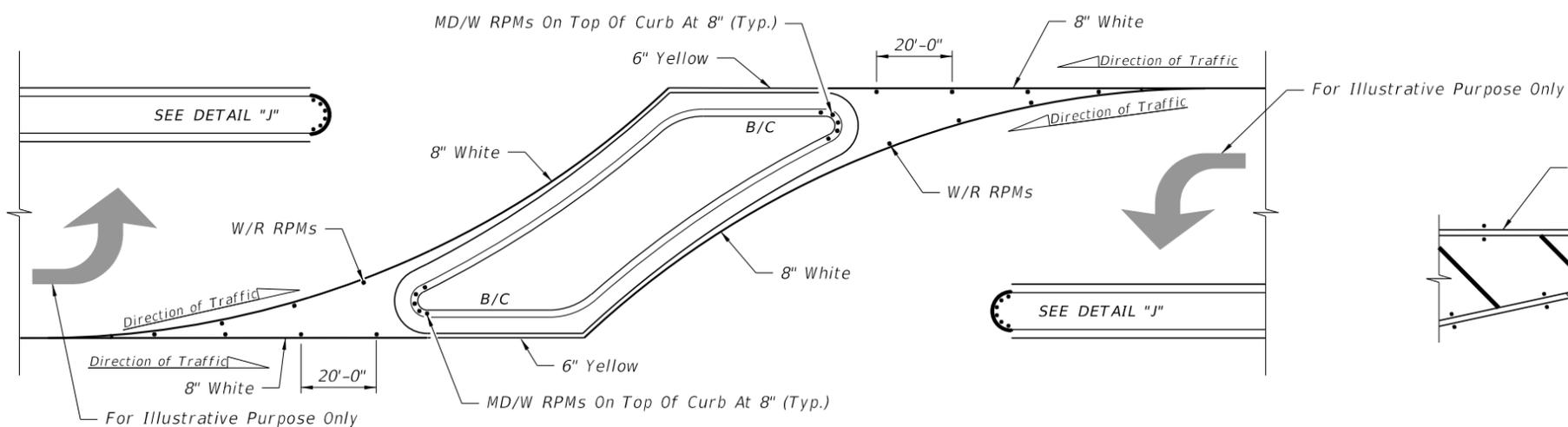


CHANGED TO: MD/W

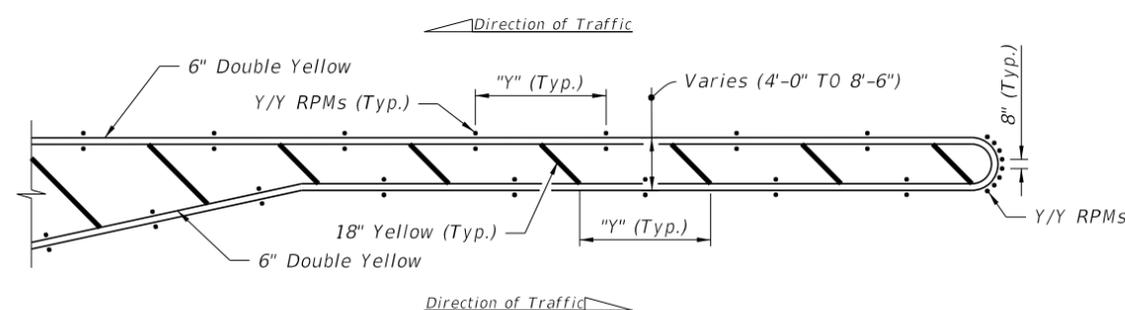
DETAIL "G"



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:

- For Type "E" Curb install RPMs along the pavement edge marking using the same spacing shown.
- 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
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- Y/R = YELLOW/RED RPM
- MD/Y = MONO-DIRECTIONAL YELLOW RPM
- MD/W = MONO-DIRECTIONAL WHITE RPM

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	11/01/21

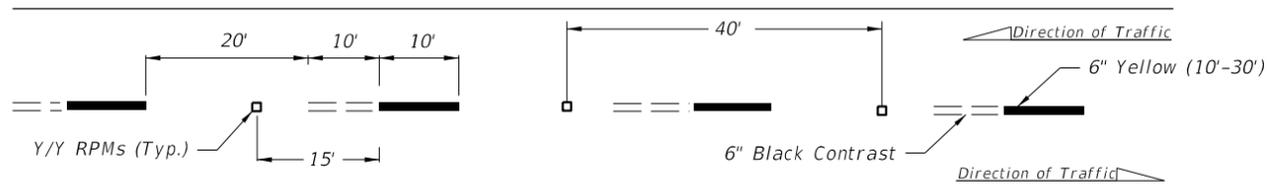


FY 2021-22  
STANDARD PLANS

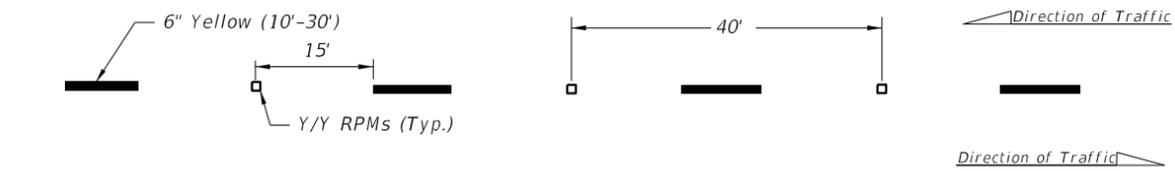
TYPICAL PLACEMENT OF  
RAISED PAVEMENT MARKERS

INDEX  
706-001

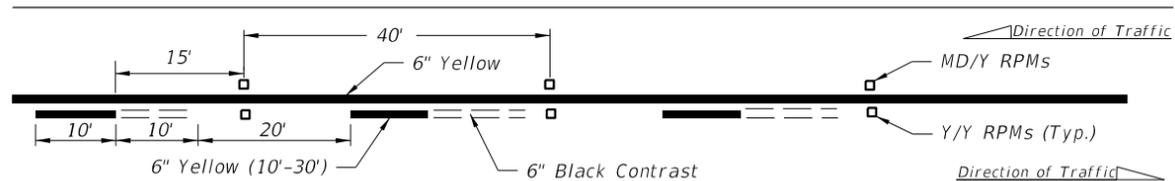
SHEET  
4 of 6



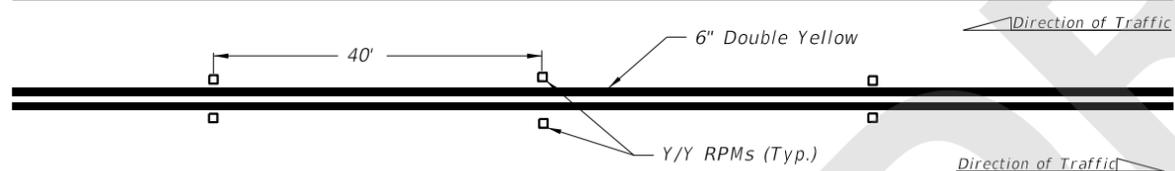
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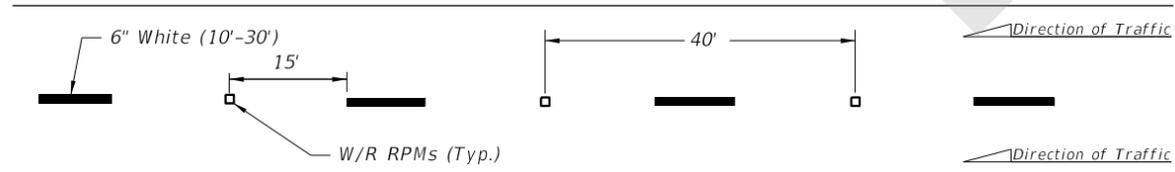
SKIP LINE



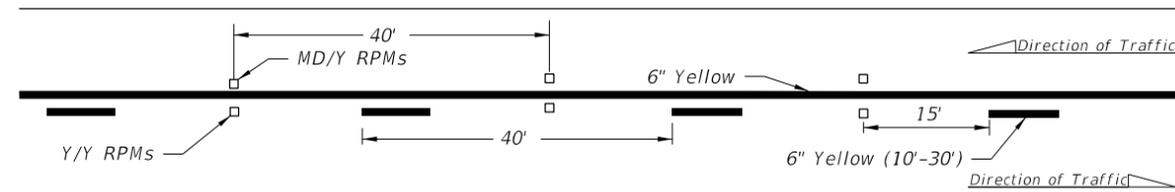
SOLID LINE WITH ALTERNATING SKIP



DOUBLE SOLID LINE



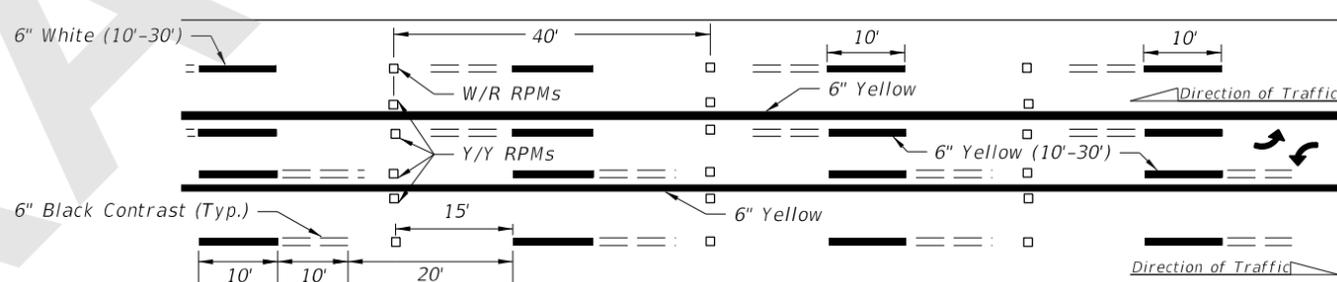
MULTILANE



SOLID LINE WITH SKIP



SKIP LINE WITH TWO-WAY LEFT TURN LANE



ALTERNATING SKIP LINE WITH TWO-WAY LEFT TURN LANE

**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 bituminous or epoxy for RPMs on asphalt.

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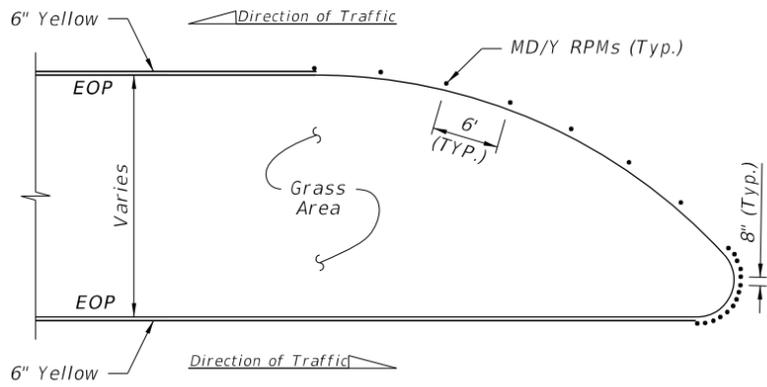


FY 2022-23  
STANDARD PLANS

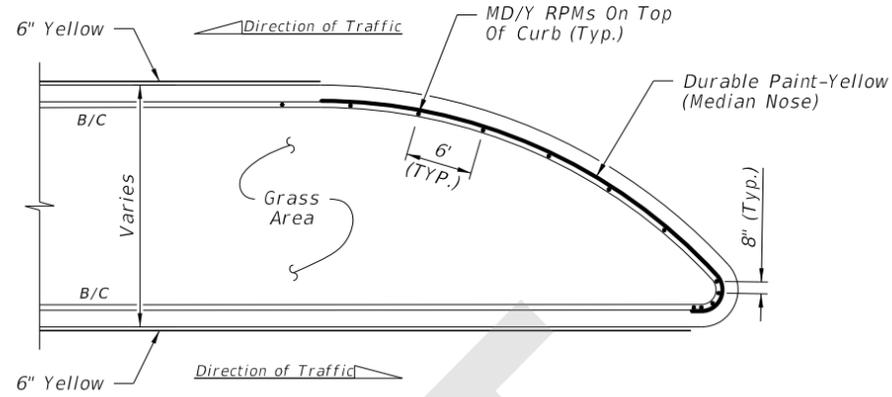
TYPICAL PLACEMENT OF  
RAISED PAVEMENT MARKERS

INDEX  
706-001

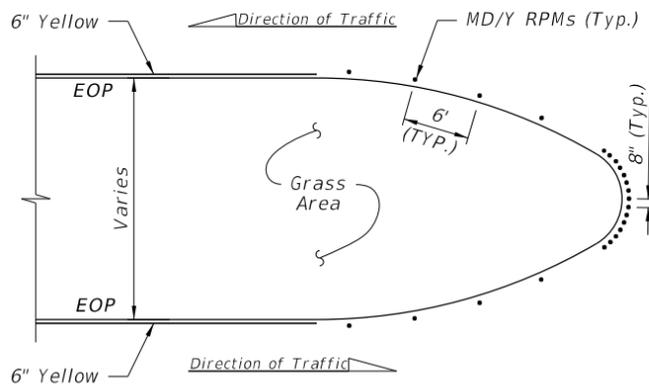
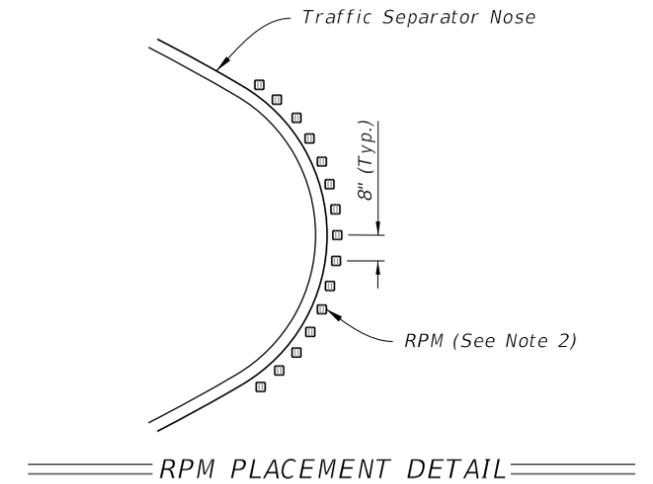
SHEET  
1 of 6



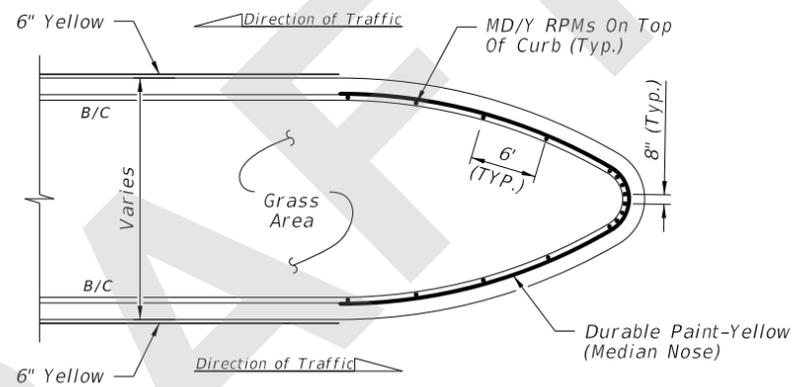
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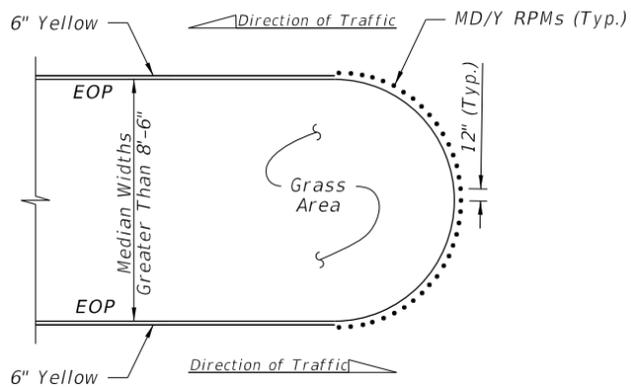
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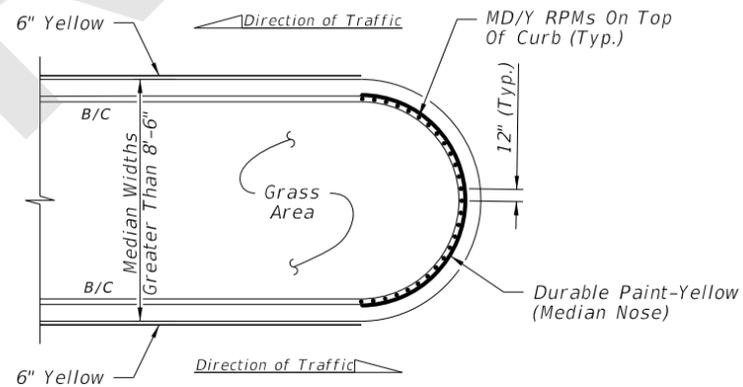
DETAIL "B"



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:

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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. Durable Paint-Yellow on Median Nose is required for vertical face only. Ensure RPMs are installed on clean, unpainted concrete surface.

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11/01/21	

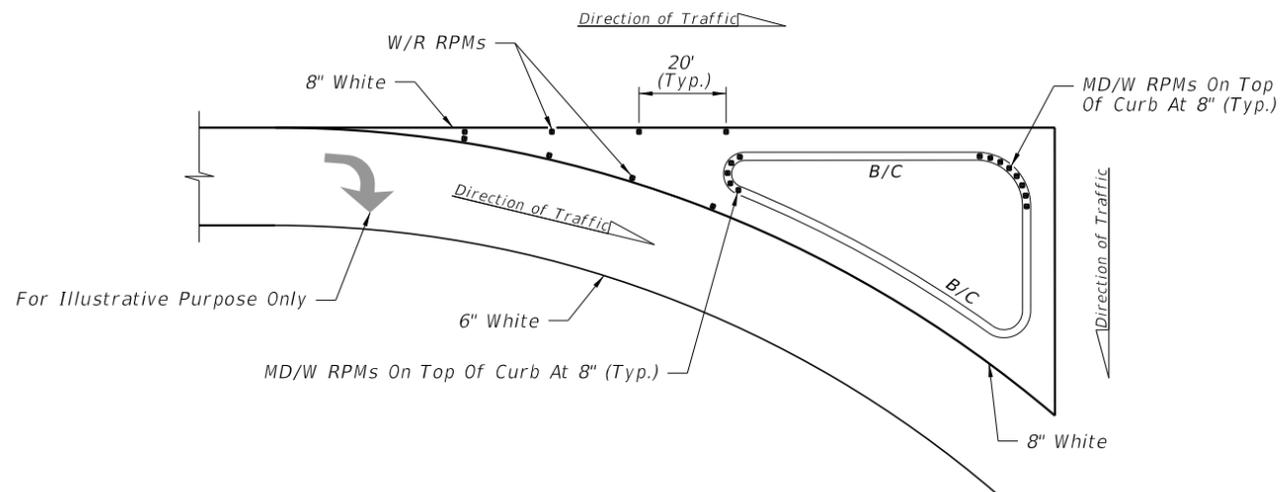


FY 2022-23  
STANDARD PLANS

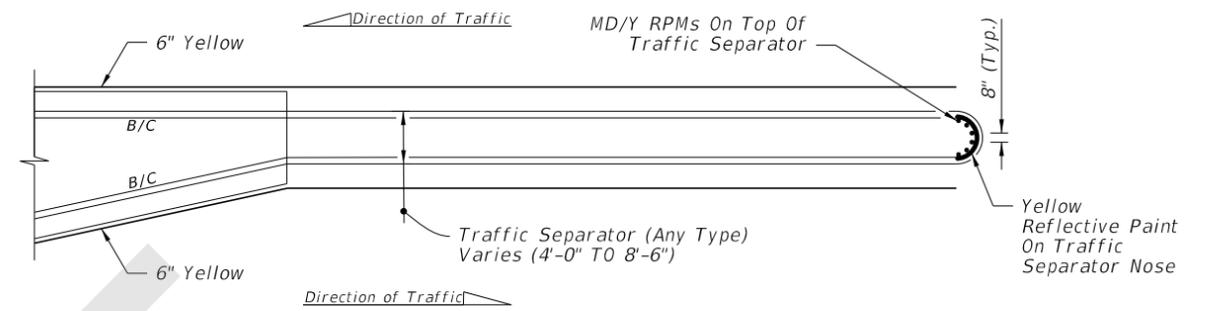
TYPICAL PLACEMENT OF  
RAISED PAVEMENT MARKERS

INDEX  
706-001

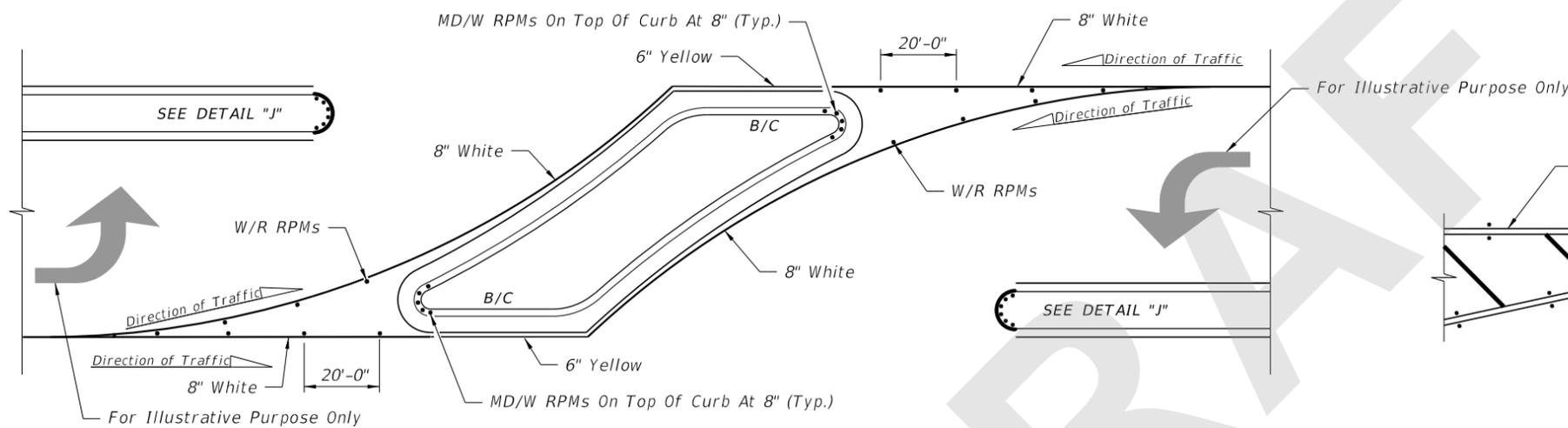
SHEET  
3 of 6



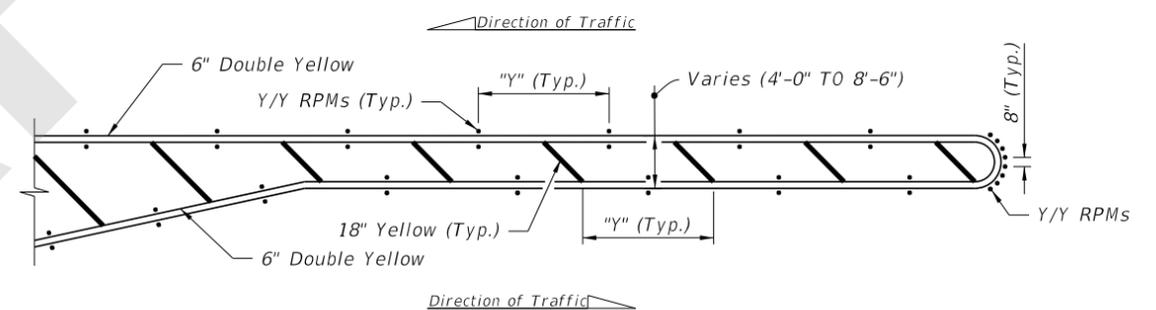
DETAIL "G"



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:**

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- Y/R = YELLOW/RED RPM
- MD/Y = MONO-DIRECTIONAL YELLOW RPM
- MD/W = MONO-DIRECTIONAL WHITE RPM

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