
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): 3 and 4
Index Title: Typical Placement of Raised Pavement Markers

Summary of the changes:

Sheet 3: Added - Note 3: Use epoxy adhesive to install RPMs to concrete median nose curbs.
Note 4: Install RPMs on clean, unpainted concrete surface.
Do not paint curb surface where PRMs will be placed.
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 adhesive is not allowed for installation of RPMs on concrete median nose curb. 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:

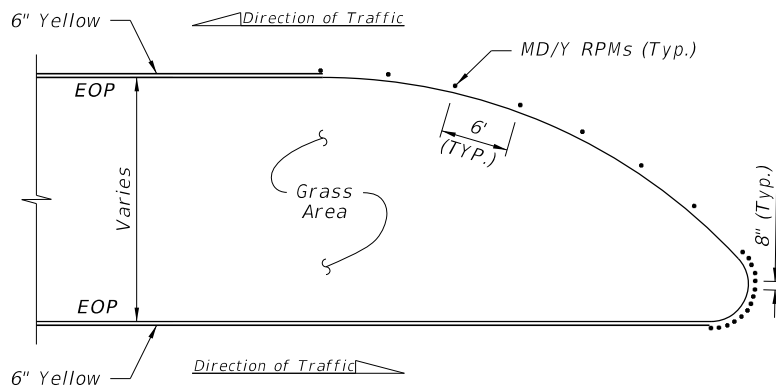
(Email or hand deliver package to Rick Jenkins)

- | 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 |

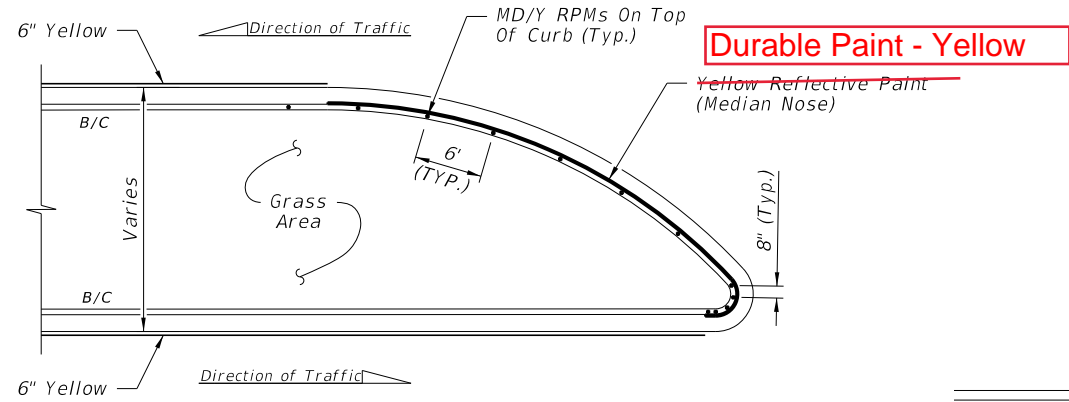
Implementation:

- | | |
|-------------------------------------|----------------------------------|
| <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) |

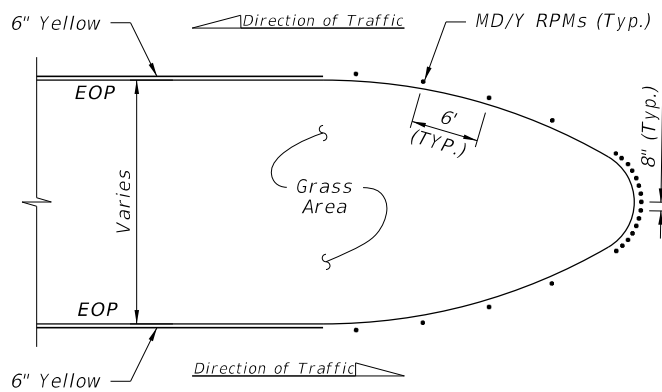
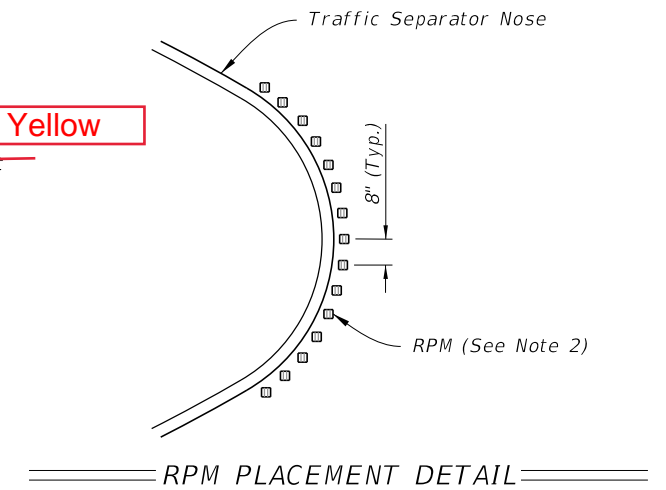
Contact the Roadway Design Office for assistance in completing this form



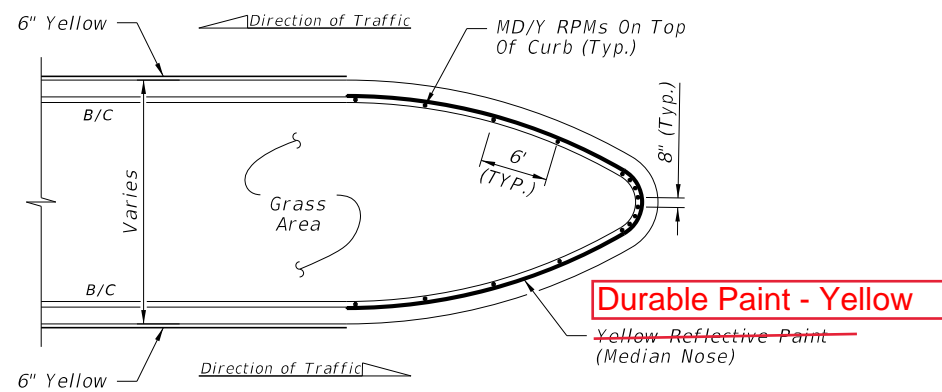
DETAIL "A"



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:

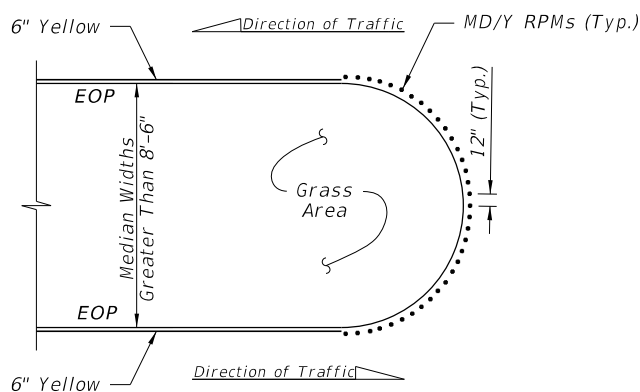
- B/C = BACK OF CURB
- EOP = EDGE OF PAVEMENT
- RPM = RAISED PAVEMENT MARKER
- W/R = WHITE/RED RPM
- Y/Y = YELLOW/YELLOW RPM
- Y/R = YELLOW/RED RPM
- MD/Y = MONO-DIRECTIONAL YELLOW RPM

NOTES:

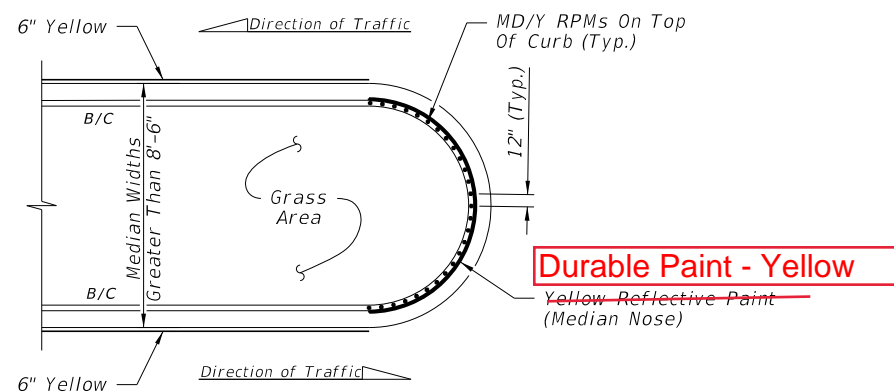
1. For Type "E" Curb, install RPMs along the pavement edge marking using the same spacing shown.
2. Orient traffic faces of RPMs in curb median radii to be parallel to direction of travel lanes.

3. Use epoxy adhesive to install RPMs on concrete median nose curbs.

4. Install RPMs on clean unpainted surfaces. Do not paint curb surface where RPMs will be placed.



DETAIL "C"



DETAIL "F"

FLUSH MEDIAN OPENINGS

TYPE "D" OR "F" CURB

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

9:09:35 AM 11/01/2020

LAST REVISION	DESCRIPTION:
11/01/19	
11/01/21	

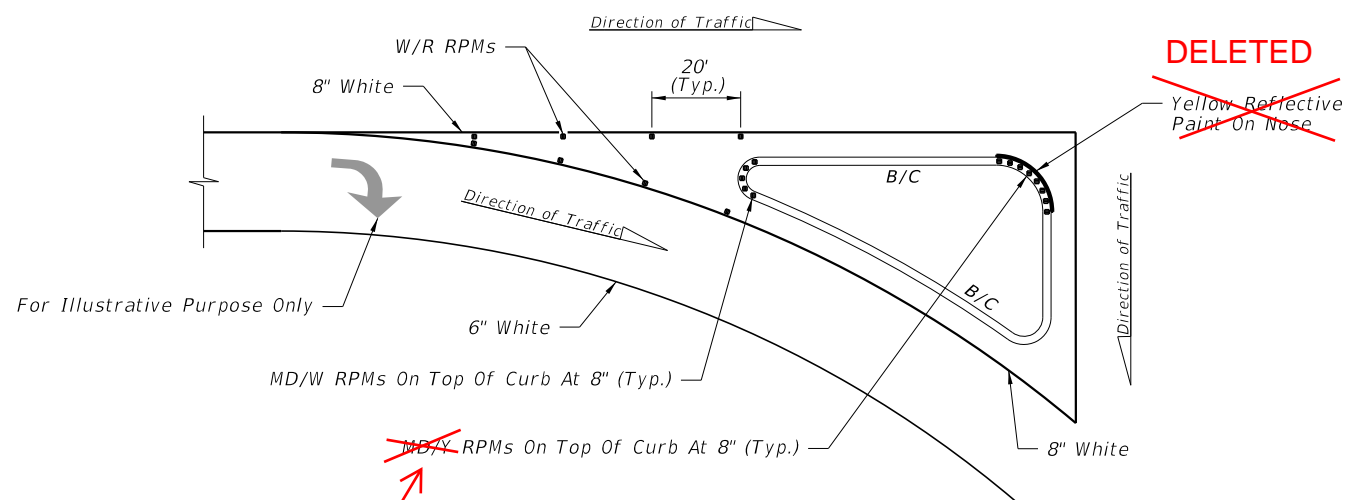


FY 2021-22
STANDARD PLANS

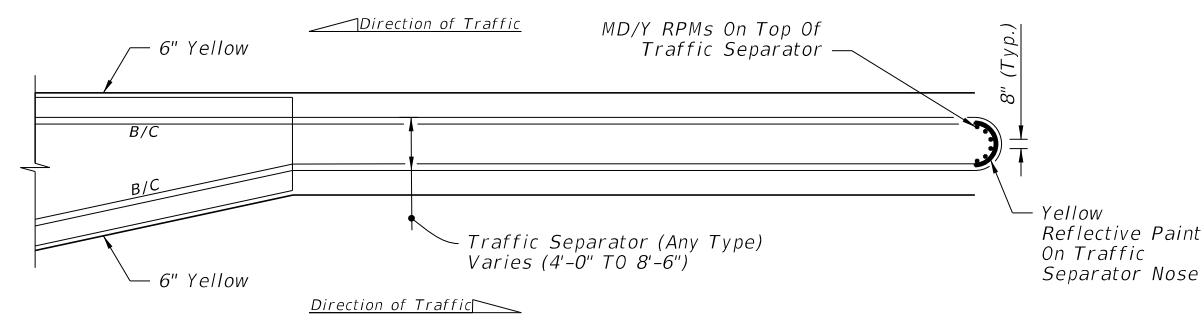
TYPICAL PLACEMENT OF
RAISED PAVEMENT MARKERS

INDEX
706-001

SHEET
3 of 6

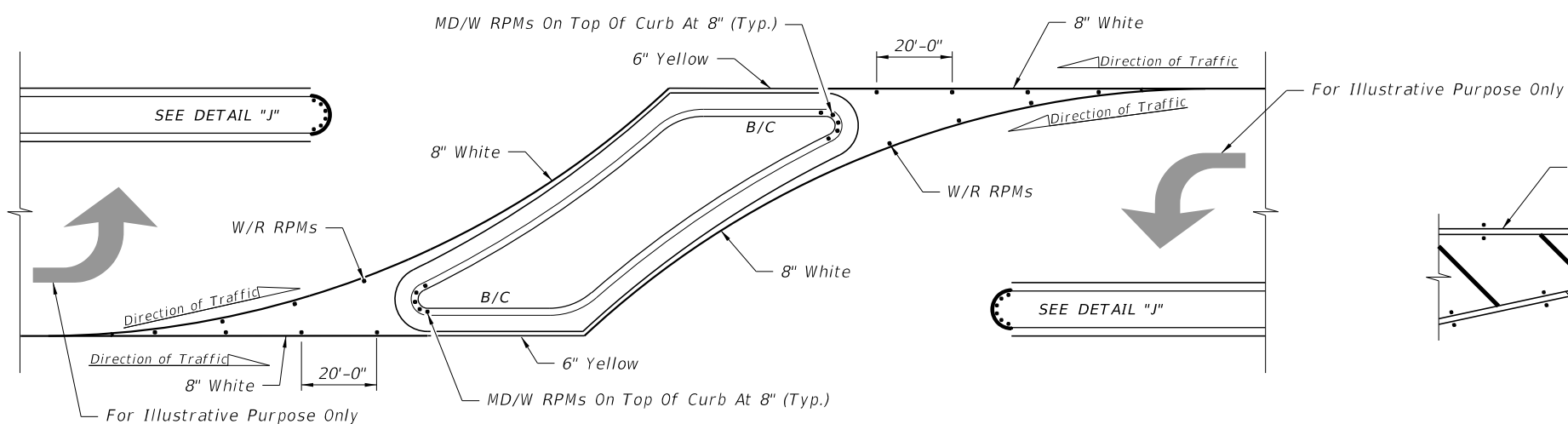


DETAIL "G"

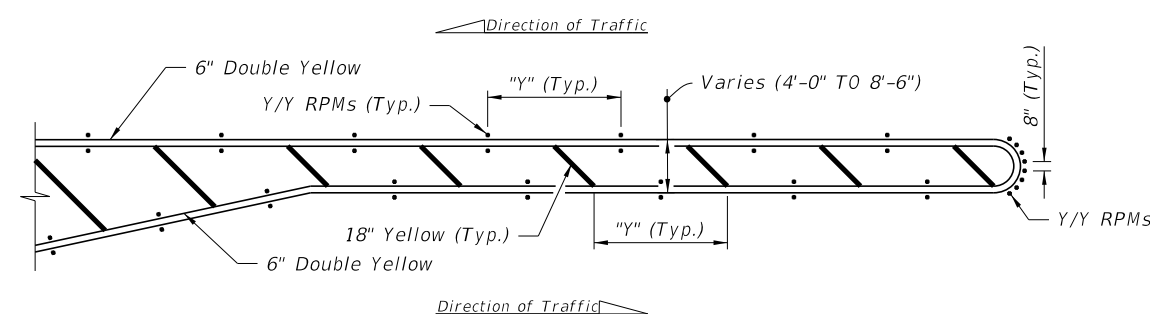


DETAIL "J"

CHANGED TO: MD/W



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
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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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LAST REVISION	DESCRIPTION:
11/01/18	
	11/01/21

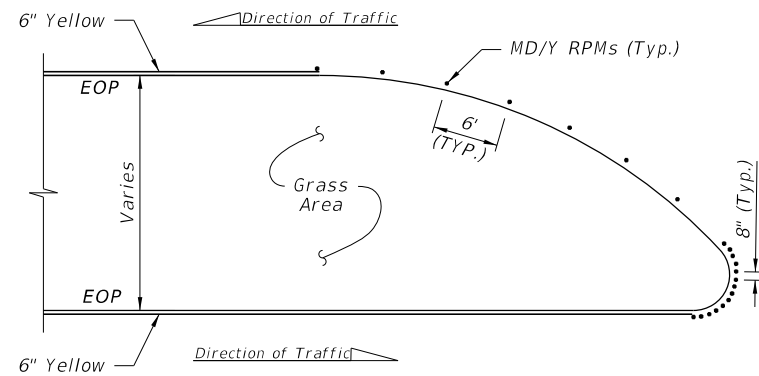


FY 2021-22
STANDARD PLANS

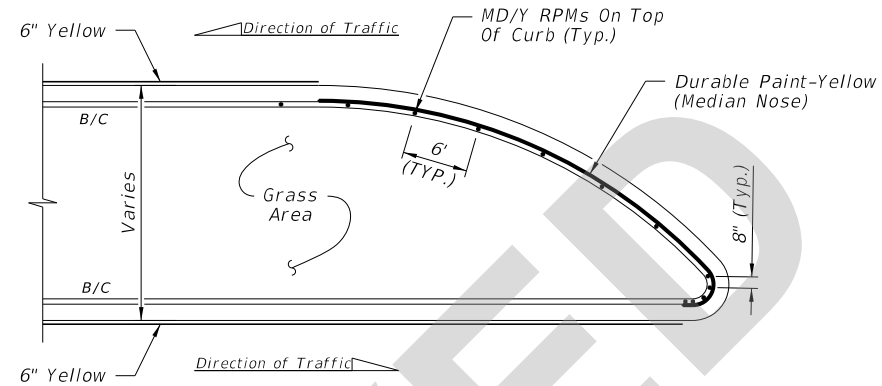
TYPICAL PLACEMENT OF
RAISED PAVEMENT MARKERS

INDEX
706-001

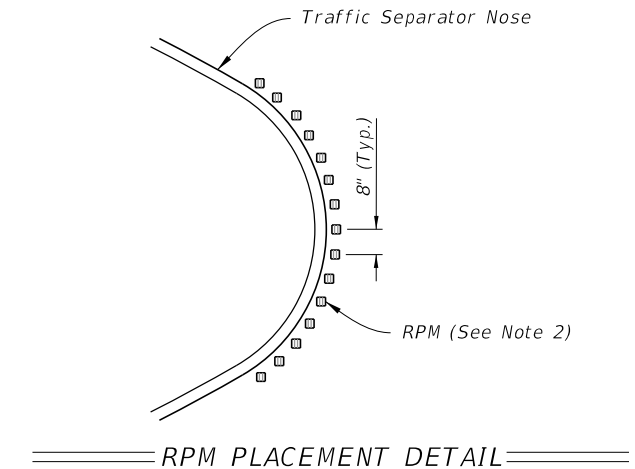
SHEET
4 of 6



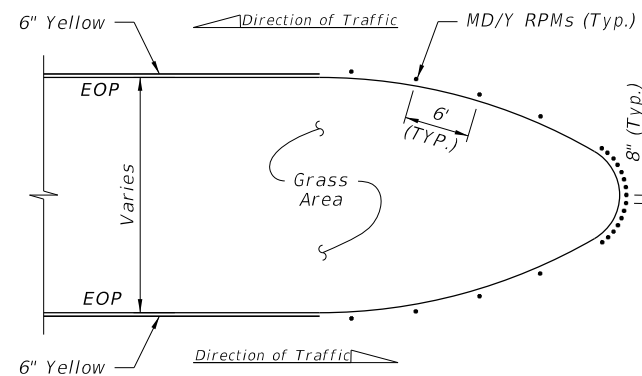
DETAIL "A"



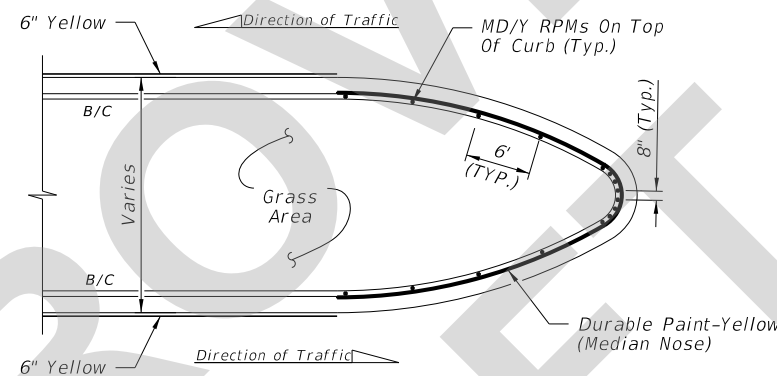
DETAIL "D"



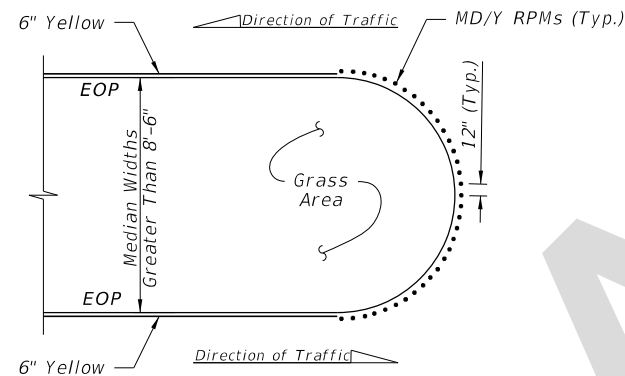
RPM PLACEMENT DETAIL



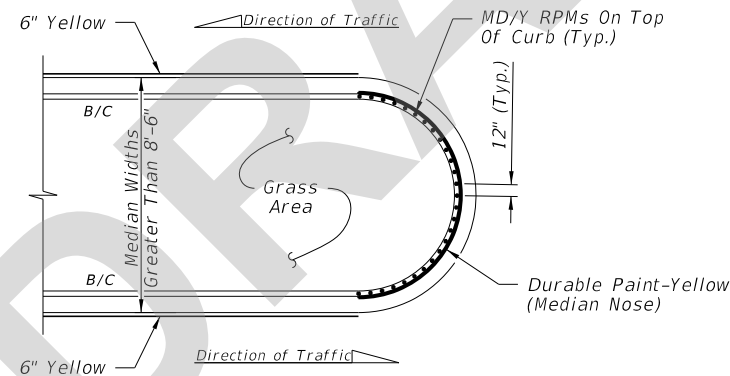
DETAIL "B"



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)

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30 OR LESS	10
35	20
40	20
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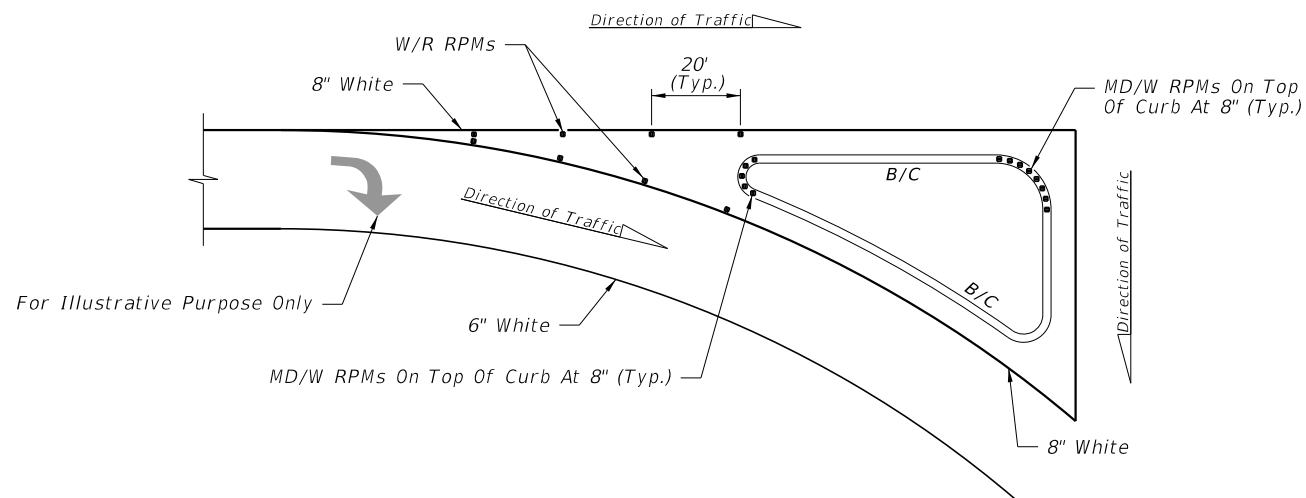
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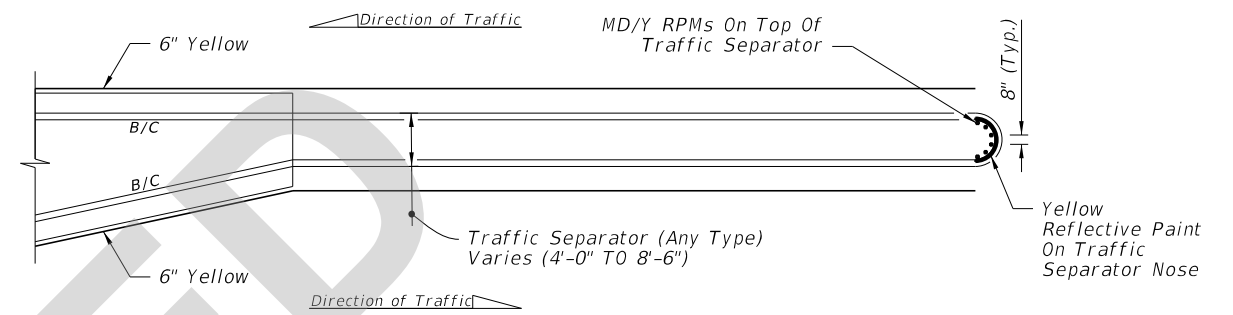
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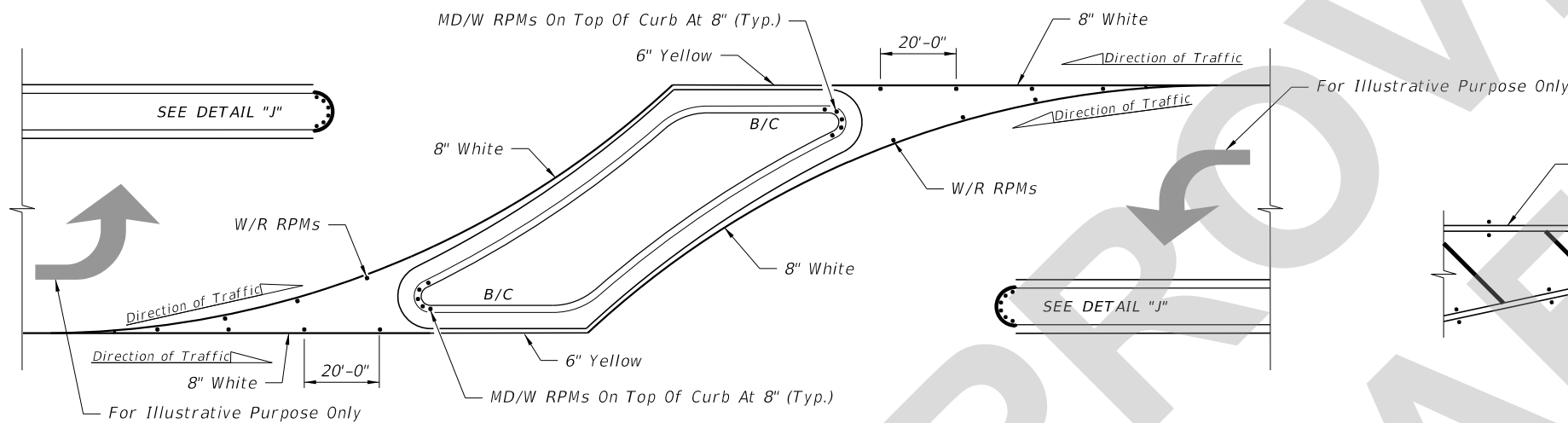
6/11/2021 8:29:33 AM



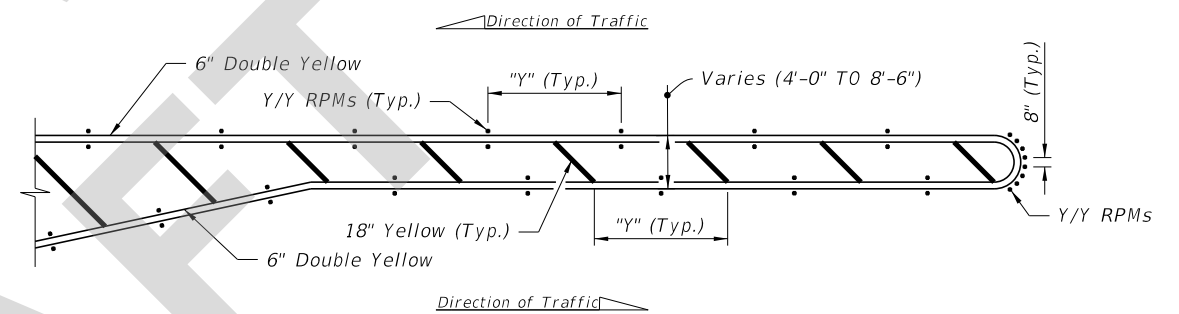
DETAIL "G"



DETAIL "J"



DETAIL "H"



DETAIL "K"

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(When called for in the Plans)

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- MD/W = MONO-DIRECTIONAL WHITE RPM

6/11/2021 8:32:04 AM