
Index 706-001

Typical Placement of Raised Pavement Markers

ORIGINATION

Date: 4/23/2026

Name: Ryan Gray

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COMMENTARY

Clarification was needed for nose paint on Type E curb, and general cleanup/redevelopment was done on most sheets.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **BLUE** = Standard Plans Response **GREEN** = Change Made to Index

Name: Maria Vizcarrondo

Date: 7/1/2026

COMMENT: The markups point to note 1 of sheet 3 of 6 to add "PAINT CURB SURFACE SIMILAR TO TYPE D". However, this note never made it into the revised copy. I suggest the note gets added to the revised copy to ensure paint is included with Type E curbs. Otherwise, it is not clear whether it is needed or not.

RESPONSE: Thanks for your comment. It was determined during internal review that the arrow and callout in the detail were sufficient to address the curb paint, without adding to the RPM placement notes.

CHANGE MADE TO INDEX: No

Response Date: 7/13/26

Name: Harry A. Campbell P.E.

Date: 7/2/2026

COMMENT: Concur with the Pavement Marking and Markers proposed revisions. In my experience the revisions will improve human and machine vision recognition.

RESPONSE: Thanks for your comment.

CHANGE MADE TO INDEX: No

Response Date: 7/13/26

Name: Adam Grantham

Date: 7/1/2026

COMMENT: On sheet 4 of 6, RPM Placement at Islands Detail, labels on the top of detail (6" yellow, 8" White & MD/W RPM's) point to space.

RESPONSE: Thanks for your comment. Great catch - will correct accordingly.

CHANGE MADE TO INDEX: Yes

Response Date: 7/13/26

Name: Jinhao Mai

Date: 7/1/2026

COMMENT: Per the update in index 711-002 in this review package, helmeted bicyclist symbol is being removed and replaced with the bike lane symbol. Sheet 2 of index 706-001 shows the helmeted bicyclist symbol, it should stay consistent with the changes in 711-002 if it's finalized.

RESPONSE: Thanks for your comment. Great catch - will correct accordingly.

CHANGE MADE TO INDEX: Yes

Response Date: 7/13/26

Name: Jeanna Ritter

Date: 7/9/2026

COMMENT: On page 2, the Wrong Way Arrows may need a note referencing OOD 26-01 and an indication that RPM's are required on these arrows for Interchange Exit Ramps only.

RESPONSE: Thank you for your comment. No reference to the bulletin is needed as the bulletin made the change to the current Standard Plans Index 706-001. We will make a change to the redline to show the latest detail including the note on Sheet 2.

CHANGE MADE TO INDEX: Updated Redline.

Response Date: 7/20/26

Name: Bijan Behzadi

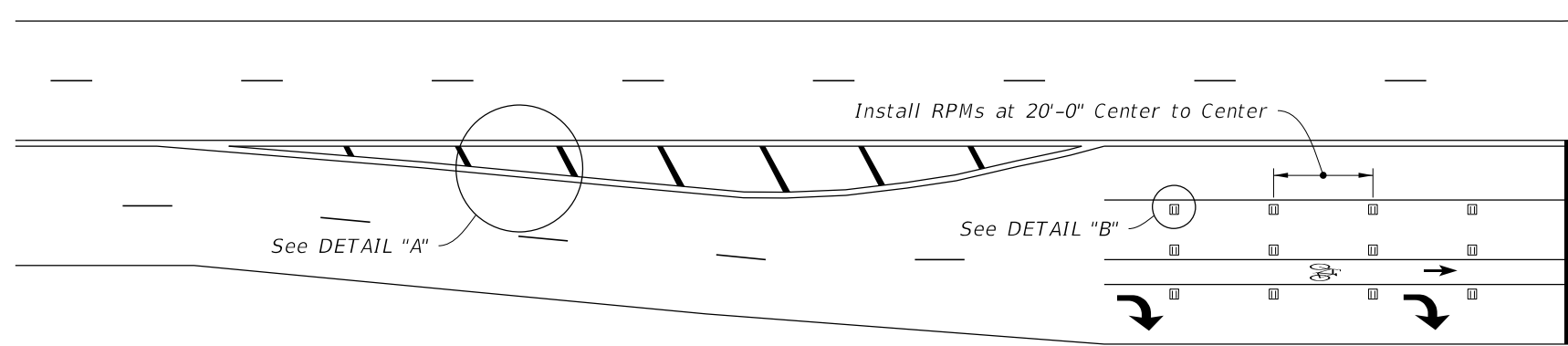
Date: 7/13/2026

COMMENT: SKIP LINE WITH TWO-WAY LEFT TURN LANE & ALTERNATING SKIP LINE WITH TWO-WAY LEFT TURN LANE, sheet 1 of 6: The two adjacent travel lane widths are out of proportion. The center lane is usually 12 to 15 feet wide, but travel lanes are usually 11 to 12' wide. Recommend the two details be modified to show travel lanes are proportionally measured.

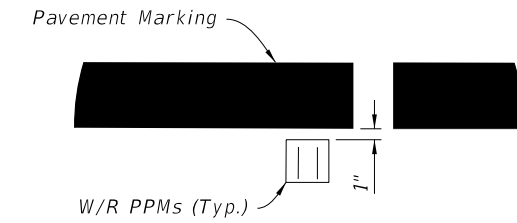
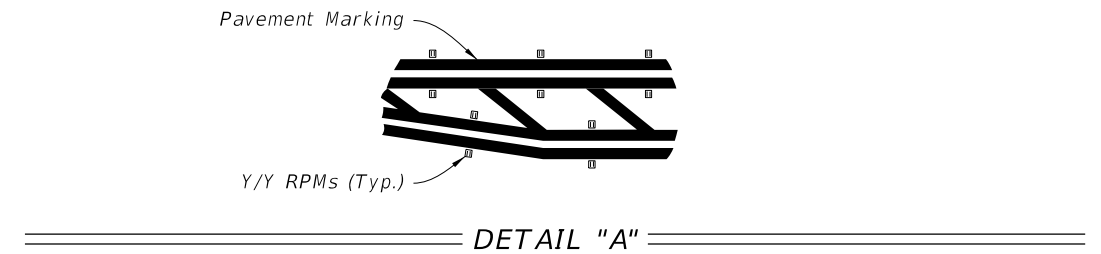
RESPONSE: Thanks for your comment. The lane widths for the center lane are drawn about 50% wider in proportion to the travel lanes for clarity at that scale, as the lanes are shown only for reference in relation to RPM placement and should not be used as a guide for lane widths - The focus of the detail is the longitudinal measurements of the RPMs, which are drawn to scale lengthwise.

CHANGE MADE TO INDEX: No.

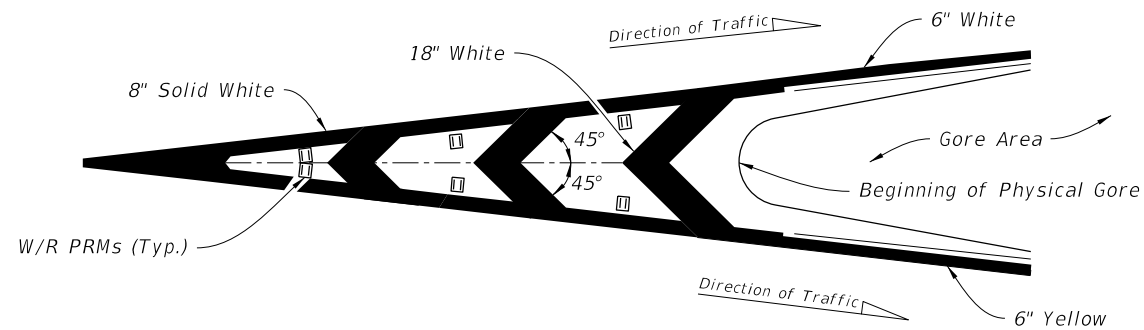
Response Date: 7/20/26



RPM PLACEMENT AT INTERSECTIONS

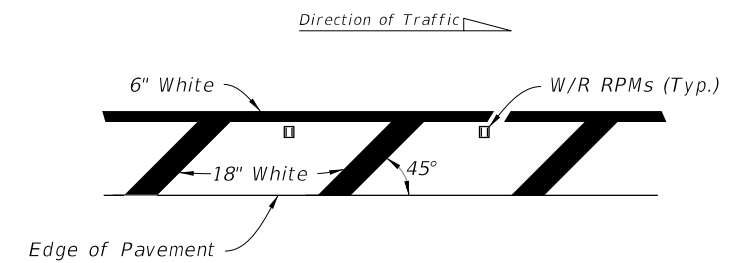


DETAIL "B"



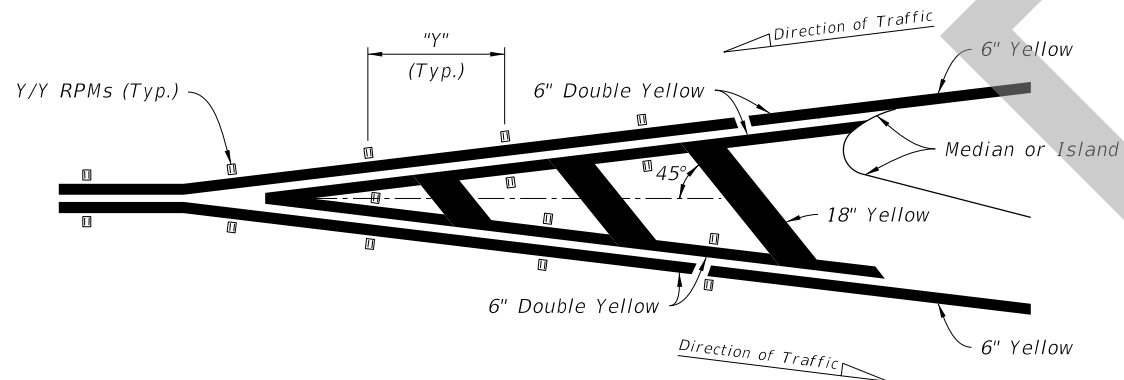
RPM PLACEMENT AT TRAFFIC CHANNELIZATION AT GORE
(Traffic Flows In Same Direction)

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



Right side of the roadway shown. For the left side of roadway, the pavement marking is yellow, oriented opposite hand, and Y/R RPMs are used.

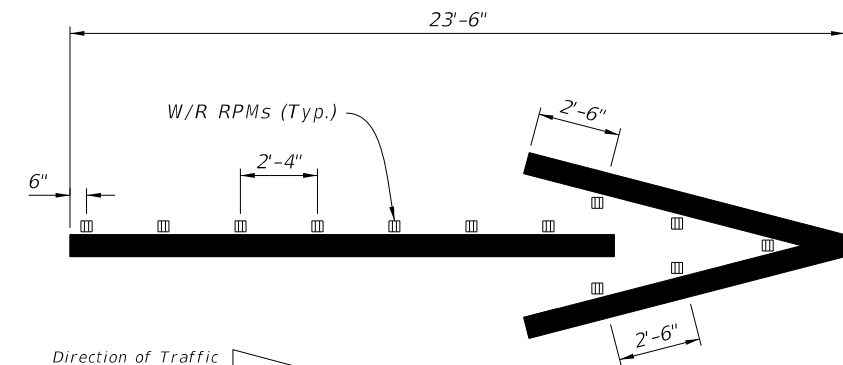
RPM PLACEMENT AT ROADSIDE CROSSHATCHING



RPM PLACEMENT AT TRAFFIC SEPARATION
(Traffic Flows In Opposite Direction)

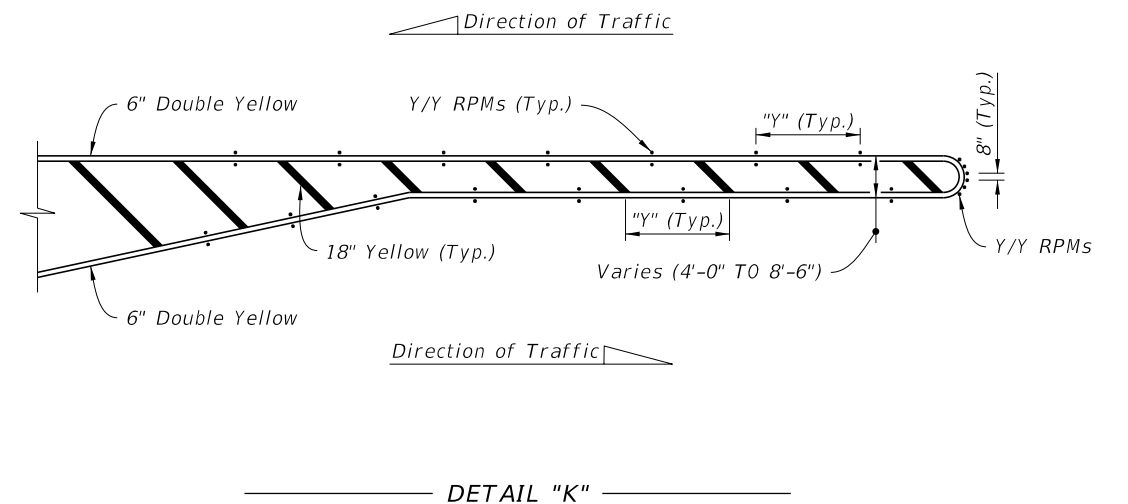
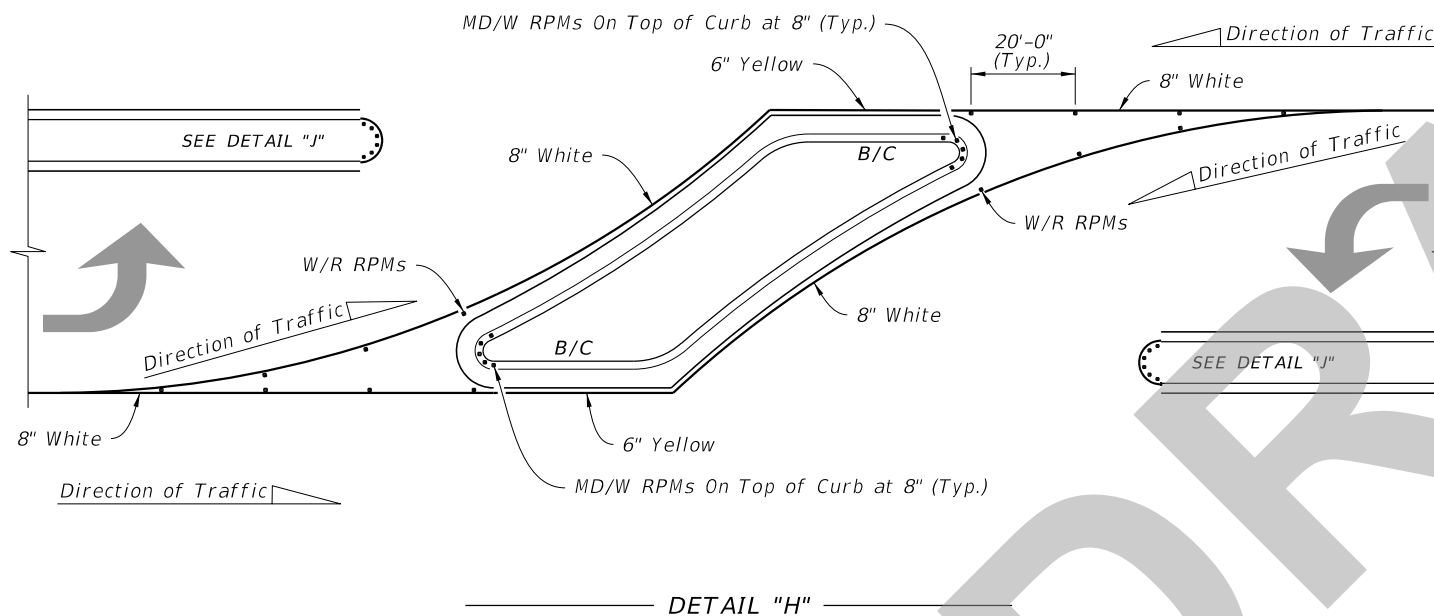
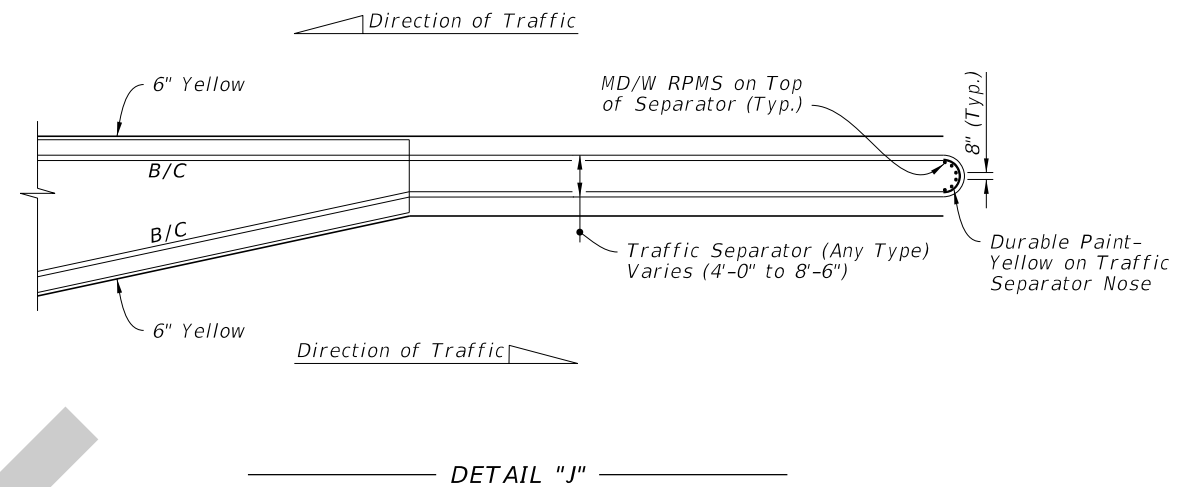
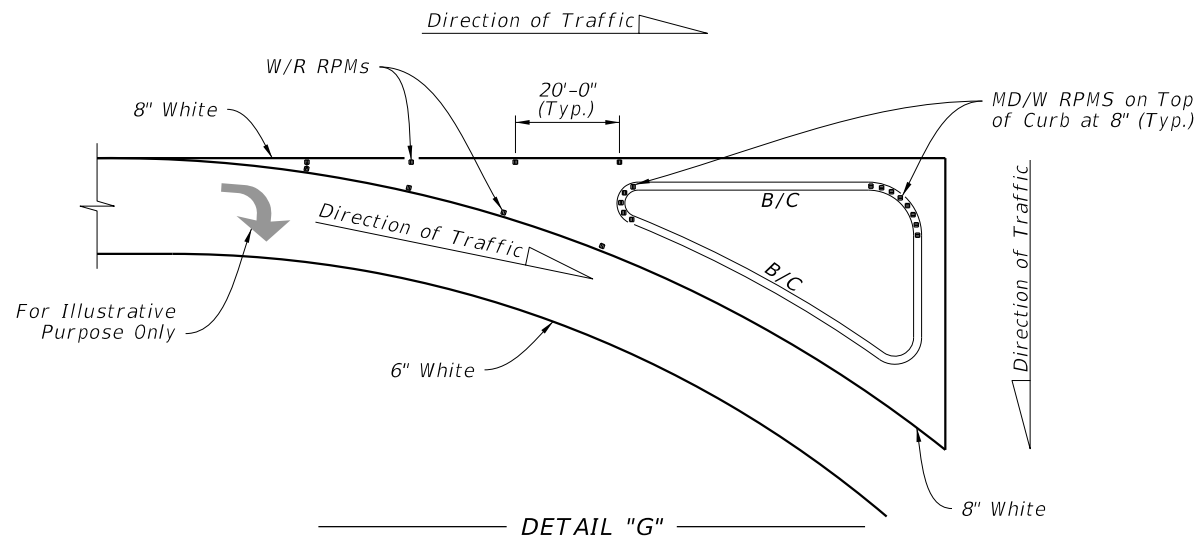
NOTE:
Center the Raised Pavement Markers between chevrons and crosshatching.

LEGEND:
RPM = RAISED PAVEMENT MARKER
W/R = WHITE/RED RPM
Y/Y = YELLOW/YELLOW RPM
Y/R = YELLOW/RED RPM



WRONG-WAY ARROW WITH RPMs
(Install RPMs With Wrong-Way Arrow On Interchange Exit Ramps Only)

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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; paint curb surface similar to Type D.
- Orient traffic faces of RPMs in median radii to be parallel to direction of travel lanes.
- Use epoxy adhesive to install RPM's on concrete median nose curbs.
- Install RPMs on clean, unpainted surface. Do not paint curb surface where RPMs will be placed

LEGEND:

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

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