



## Florida Department of Transportation

RON DESANTIS  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.  
SECRETARY

### **ROADWAY DESIGN BULLETIN 23-03**

*(FHWA Approved: ??-??-??)*

DATE: March ??, 2023

TO: District Directors of Transportation Operations, District Directors of Transportation Development, District Design Engineers, District Consultant Project Management Engineers, District Construction Engineers, District Maintenance Engineers, District Roadway Design Engineers, District Traffic Operations Engineers, Program Management Engineers, Project Development Engineers, District Materials Engineers, District Specifications Engineers, District Estimates Engineers, District Safety Engineers, District Safety Administrators

FROM: Derwood Sheppard, P.E., State Roadway Design Engineer

COPIES: Will Watts, Dan Hurtado, Michael Shepard, Tim Lattner, Trey Tillander, Stefanie Maxwell, Rudy Powell, Lance Grace, Jennifer Marshall, Jennifer Fortunas, Lora Hollingsworth, Paul Hiers, Will Potter, Patrick Overton, Daniel Strickland, Kevin Burgess (FHWA), Mark Clasgens (FHWA), and Bren George (FHWA)

SUBJECT: ***Standard Plans Interim Revision (IR706-001-1), Typical Placement of Raised Pavement Markers***

This bulletin announces the release of ***Standard Plans, Interim Revision IR706-001-1***, which updates the location of RPM placement for wrong-way arrows in the ***FY 2022-23 Standard Plans*** and ***FY 2023-2024 Standard Plans, Index 706-001 (Typical Placement of Raised Pavement Markers)***.

### **REQUIREMENTS**

***Standard Plans, Index 706-001*** has been updated and is released as a ***Standard Plans Interim Revision (IR 706-001-1)*** to the ***FY 2022-23 Standard Plans*** and the ***FY 2023-24 Standard Plans***.

An Interim Revision to ***FY 2022-2023 Standard Plans, Index 706-001*** is now available on the Standard Plans Website at the following link:

<https://www.fdot.gov/design/standardplans/2023/Interim>

An Interim Revision to the *FY 2023-24 Standard Plans, Index 706-001* is now available on the Standard Plans Website at the following link:

<https://www.fdot.gov/design/standardplans/current/Interim.shtm>

### **COMMENTARY**

This *Standard Plans Interim Revision* replaces the “Wrong-Way Arrow” detail (Sheet 2) with an updated detail moving the RPMs to the inside of the arrow. This change has been made based on a request from the Districts to move the RPMs out of the wheel path to limit noise.

### **IMPLEMENTATION**

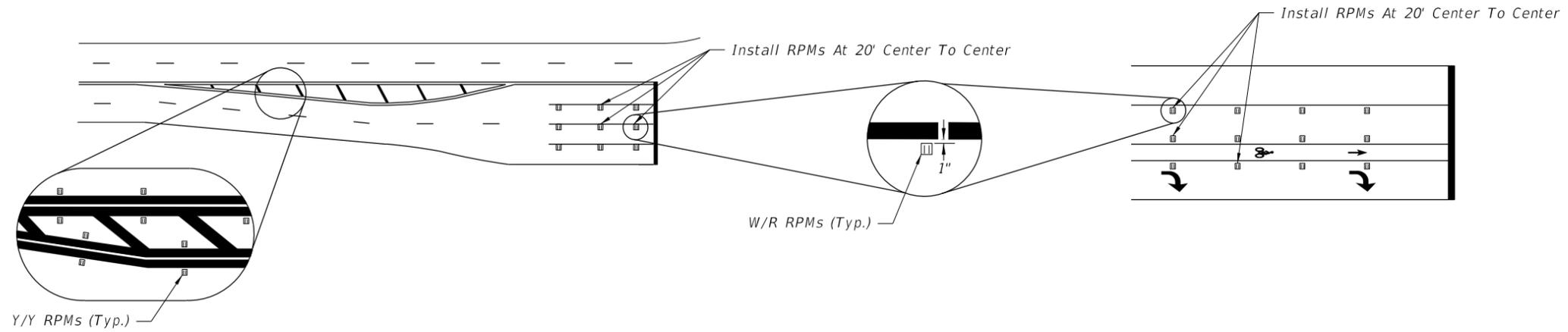
For the *FY 2022-23 Standard Plans*, these requirements may be implemented at the discretion of the Districts. A reference to the Interim Revision is required on the key sheet in accordance with the Governing Standards in *FDM 910.2.8*.

For the *FY 2023-24 Standard Plans*, these requirements are effective on all projects with a letting on or after July 1, 2023. A reference to the Interim Revision is not required on the key sheet because the Interim Revision has replaced the original version of the Index published on October 28, 2022.

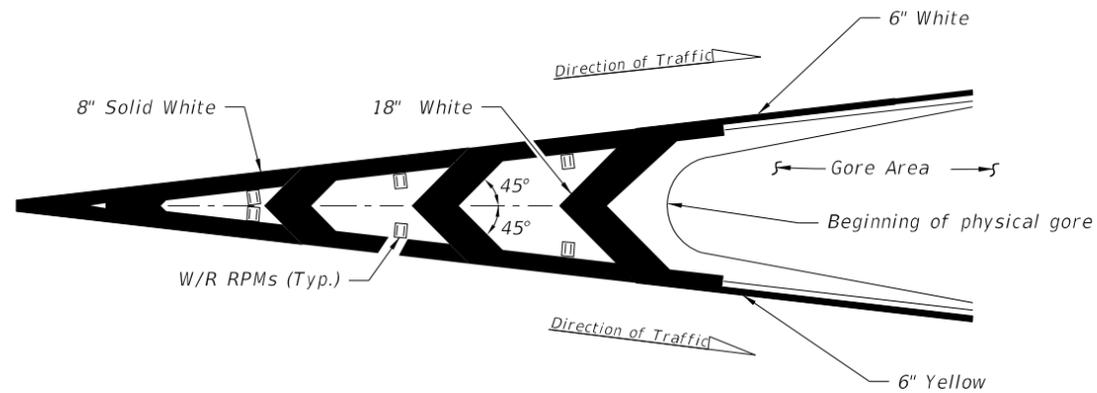
### **CONTACT**

Rick Jenkins  
Standard Plans Publication Engineer  
Phone (850) 414-4355  
[Rick.Jenkins@dot.state.fl.us](mailto:Rick.Jenkins@dot.state.fl.us)

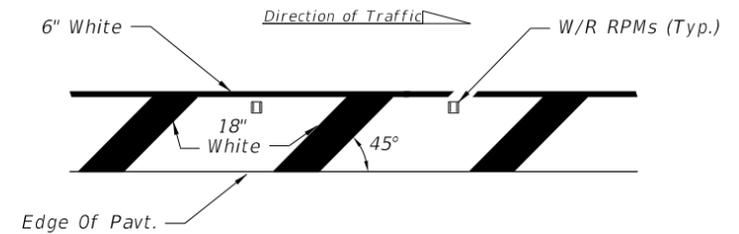
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RPM PLACEMENT AT INTERSECTIONS



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



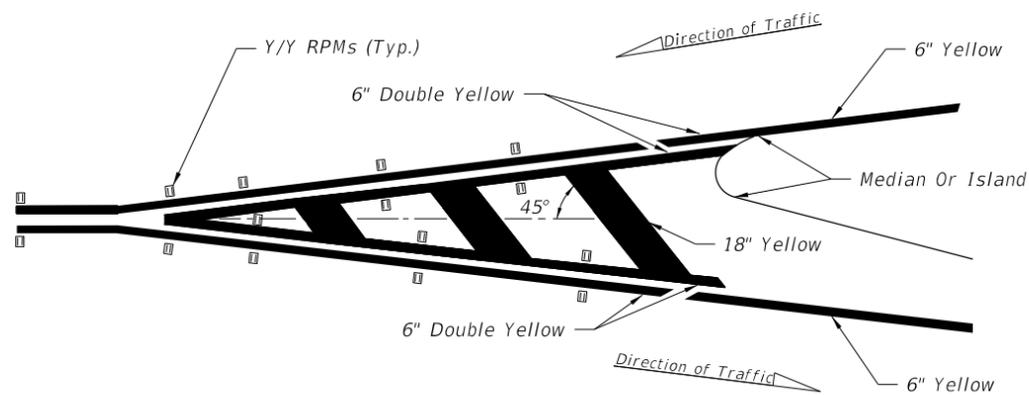
Right side of the roadway shown. For the left side of roadway, the pavement marking is yellow and oriented opposite hand.

NOTE:

Center the Raised Pavement Markers between chevrons and crosshatching.

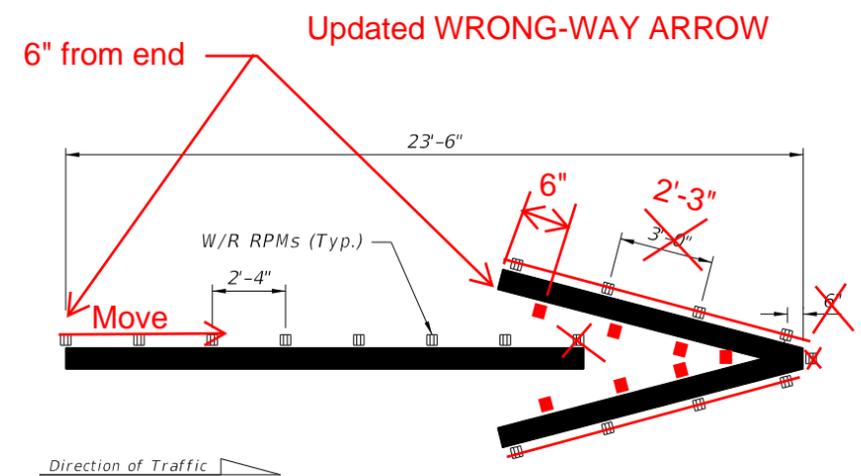
LEGEND:

- 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



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

RPM PLACEMENT AT ROADSIDE CROSSHATCHING



WRONG-WAY ARROW

Updated: 706-001-1

9/22/2021 3:09:38 PM

LAST REVISION <del>11/01/21</del>	DESCRIPTION: ← Added Description
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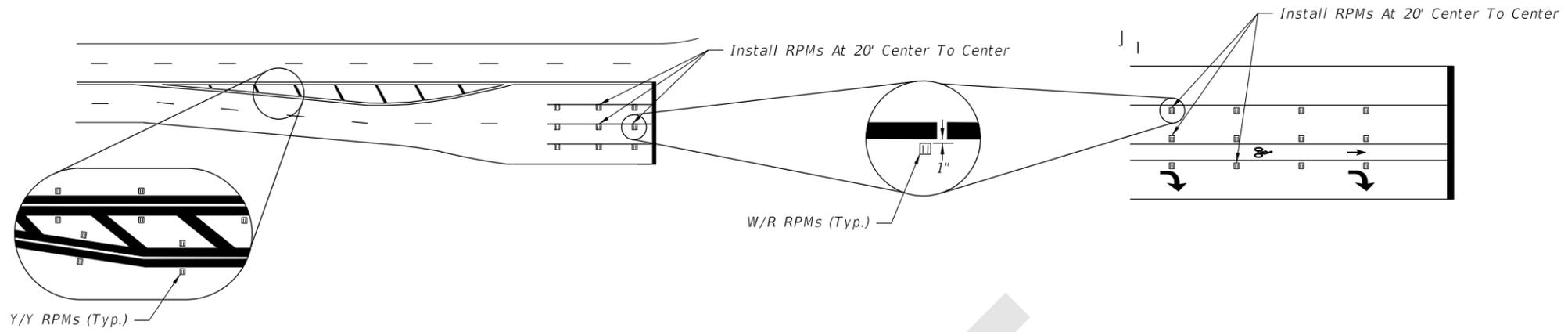


FY 2022-23  
STANDARD PLANS

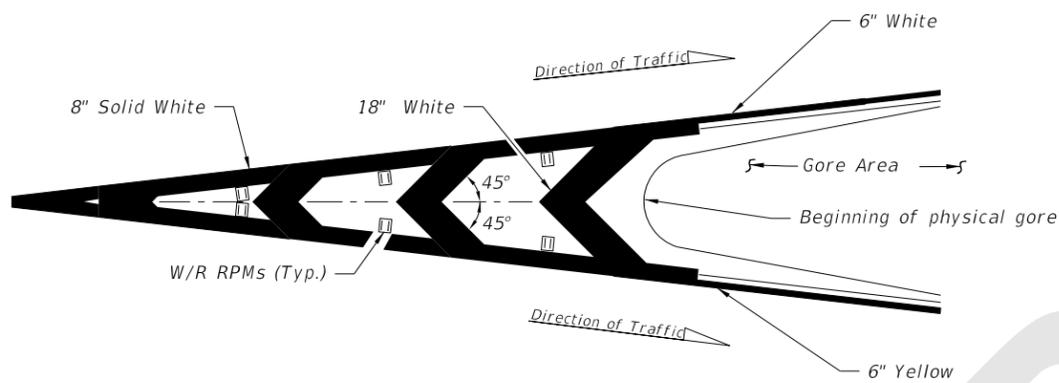
TYPICAL PLACEMENT OF  
RAISED PAVEMENT MARKERS

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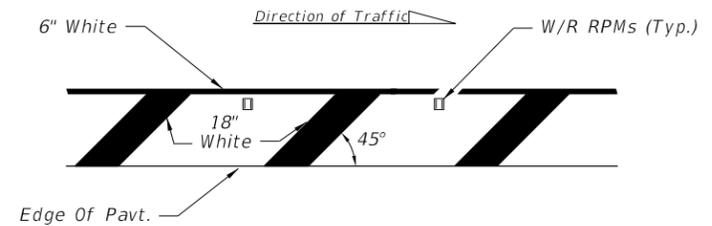


RPM PLACEMENT AT INTERSECTIONS



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

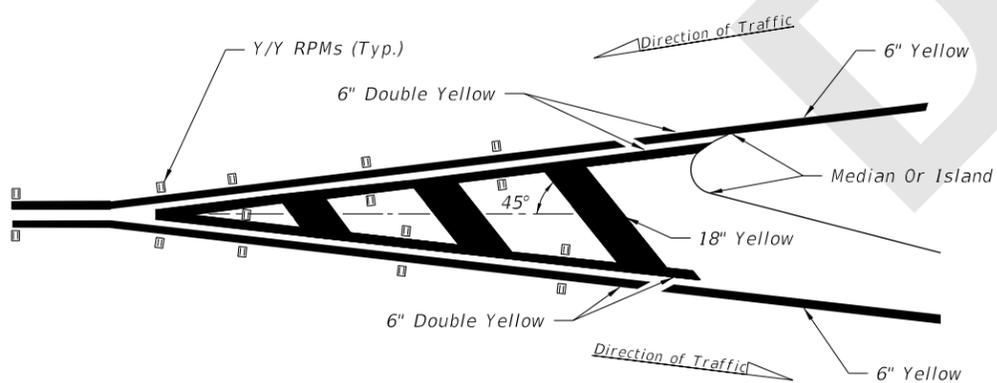
**NOTE:**  
Center the Raised Pavement Markers between chevrons and crosshatching.



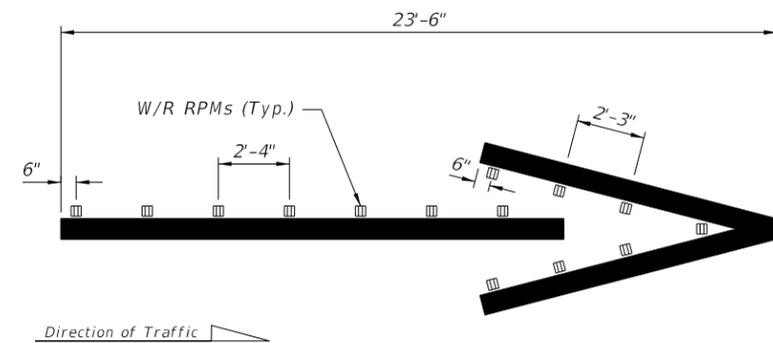
RPM PLACEMENT AT ROADSIDE CROSSHATCHING

Right side of the roadway shown. For the left side of roadway, the pavement marking is yellow and oriented opposite hand.

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



WRONG-WAY ARROW

4/25/2023 8:17:12 AM

LAST REVISION	03/xx/23	REVISION	DESCRIPTION: Changed the locations of the RPM's in the WRONG-WAY ARROW detail to inside the arrow.
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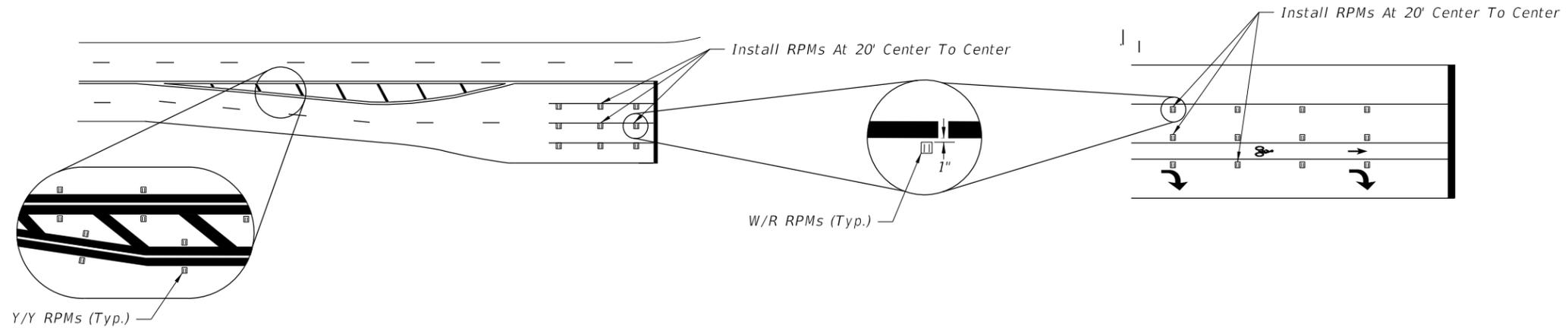


FY 2022-23  
STANDARD PLANS

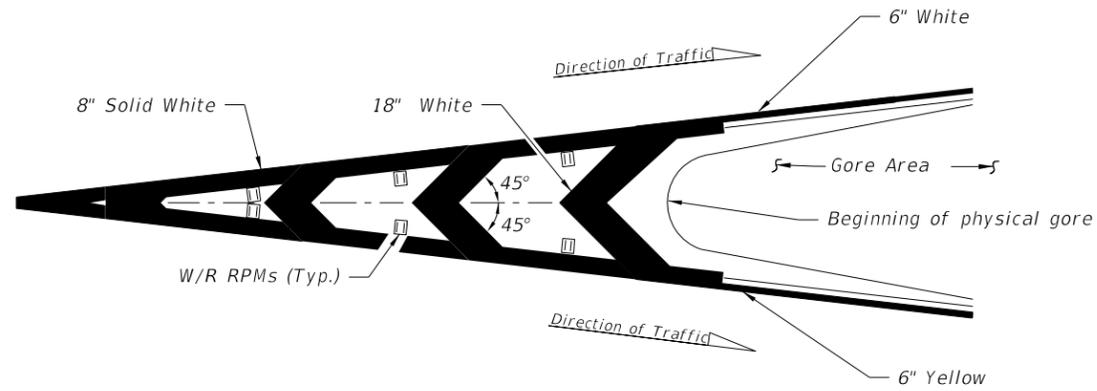
TYPICAL PLACEMENT OF  
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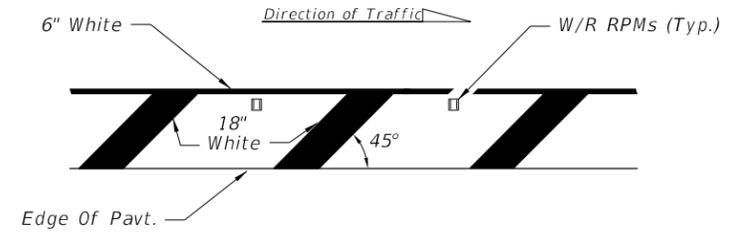
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RPM PLACEMENT AT INTERSECTIONS



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



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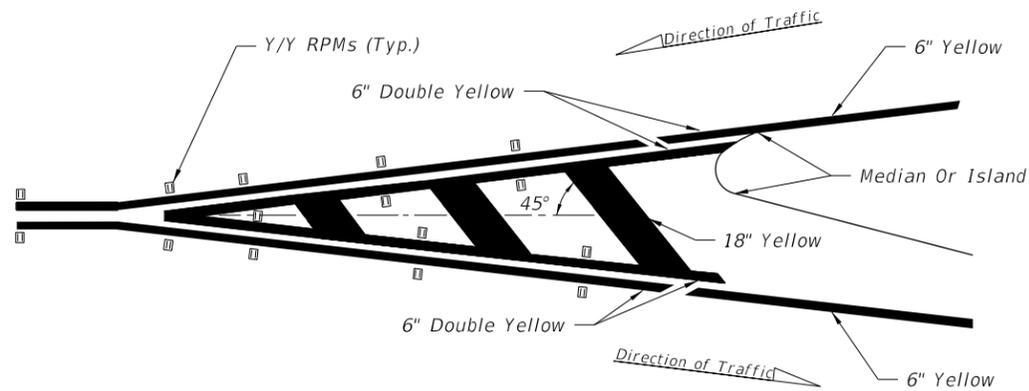
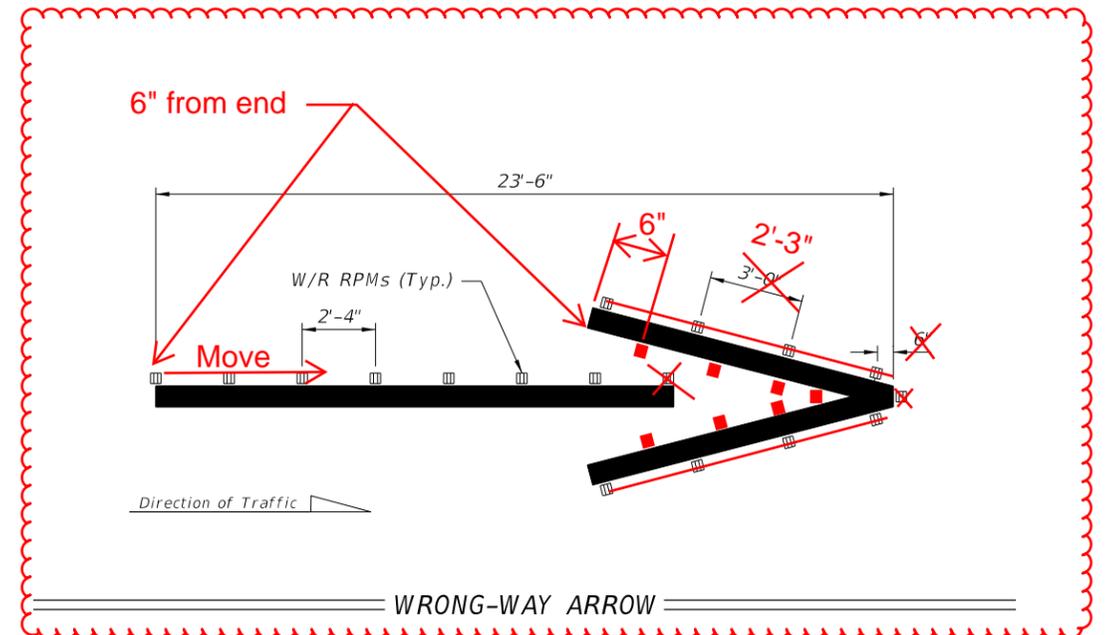
NOTE:

Center the Raised Pavement Markers between chevrons and crosshatching.

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RPM PLACEMENT AT ROADSIDE CROSSHATCHING



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

Updated to Current Date

Updated: 706-001-1

10/6/2022 2:40:50 PM

LAST REVISION 11/01/21	DESCRIPTION: Added Description
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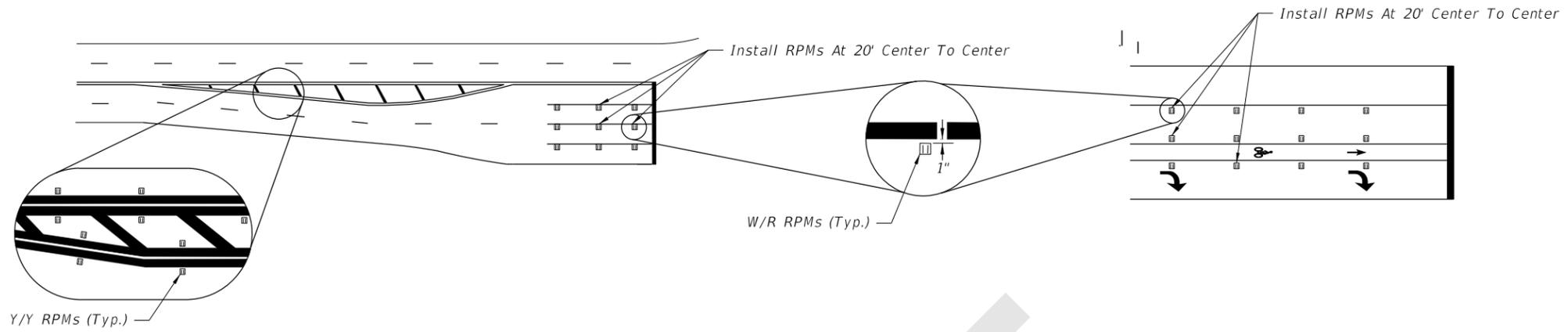


FY 2023-24  
STANDARD PLANS

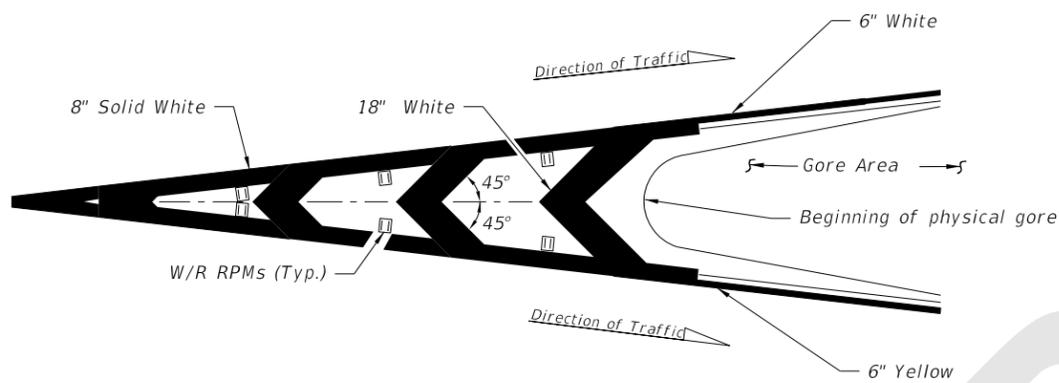
TYPICAL PLACEMENT OF  
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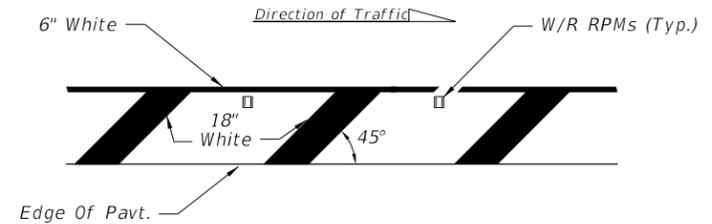
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RPM PLACEMENT AT INTERSECTIONS



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

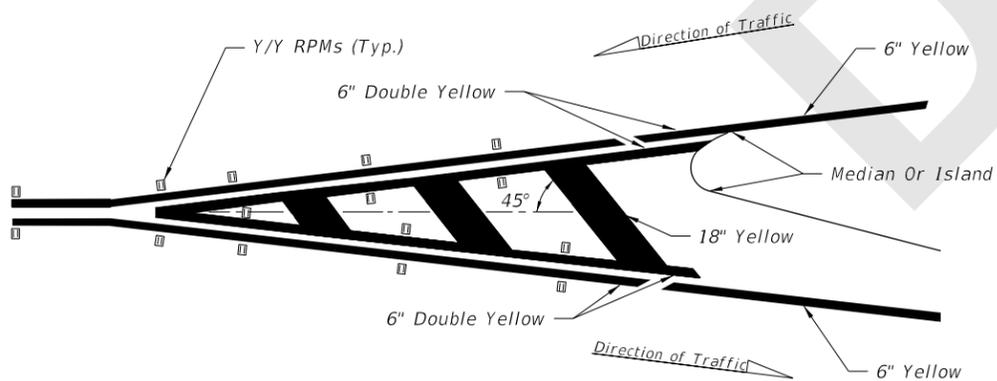


RPM PLACEMENT AT ROADSIDE CROSSHATCHING

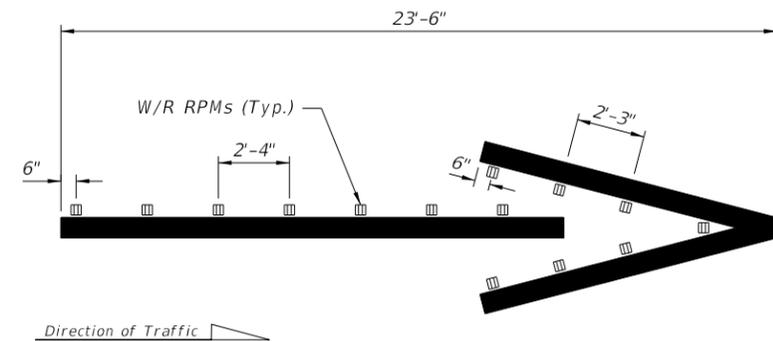
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RPM PLACEMENT AT TRAFFIC SEPARATION  
(Traffic Flows In Opposite Direction)



WRONG-WAY ARROW

4/25/2023 8:21:31 AM

LAST REVISION 03/xx/23	DESCRIPTION: Changed the locations of the RPM's in the WRONG-WAY ARROW detail to inside the arrow.
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FY 2023-24  
STANDARD PLANS

TYPICAL PLACEMENT OF  
RAISED PAVEMENT MARKERS

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