



MEMO

October 21, 2022

To: District Engineers

From: Michael A. Chacon, P.E.
Director, Traffic Safety Division

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Subject: Revisions to the Freeway Pavement Marking Standard Sheets, FPM-22

The Traffic Safety Division has updated the above referenced standard sheets. Descriptions of the revisions are as follows:

FPM-22

- 4-inch lane line markings updated to 6-inch where applicable.
- Minor revisions for clarity as appropriate, including callouts added to most details.
- Legends updated to include Raised Pavement Marker (RPM) Type II-C-R.

FPM(1)-22

- General Note added to address RPM placement to one side of longitudinal joints.
- "Traffic Lane Lines Pavement Marking" detail note expanded.
- "Exit Ramp Gore Marking" detail removed, due to duplicity with FPM(5).
- "Tapered Acceleration Lane" detail: dotted white line extension added for the tapered segment.
- "Parallel Acceleration Lane" detail: dotted white lane line extended to the beginning of taper and dotted white line extension added within the taper.

FPM(2)-22

- General Notes section expanded, clarifying note 3 and adding note 5.
- "Single Lane Exit with Auxiliary Lane" detail modified to include a minimum distance of 1500 feet between theoretical gores.
- "Tapered Deceleration Lane" detail updated to require the dotted white line extension for the tapered area (previously optional) and include a note referencing the Roadway Design Manual (RDM) for appropriate application of this type of deceleration lane.
- "Parallel Deceleration Lane" detail updated to include painted chevron markings at the exit gore, a dotted white line extension for tapered area, and a note referencing the RDM to determine deceleration lane and taper lengths.
- "Detail D" added to illustrate the 6-inch dotted white line extension for both types of deceleration lanes.

FPM(3)-22

- General Notes section expanded to clarify that edge lines are not required in frontage road curb and gutter sections.
- Details updated to include painted chevron markings at the exit gore.
- “Freeway Lane Reduction” detail added.

FPM(4)-22

- General Notes section expanded to clarify that edge lines are not required in frontage road curb and gutter sections.
- Added detail for “Single Lane Entrance with Multiple Lane Exit - Exit Only with Option Lane”.
- Details updated to include painted chevron markings at the exit gore.

FPM(5)-22

- Re-oriented details to be consistent with other sheets.
- Added RPM spacing dimensions in Detail A.

FPM(6)-22

- New sheet added that shows typical pavement marking details for diamond interchanges and urban x-ramps.

These standard sheets may be used immediately and shall be used for all applicable PS&E sets beginning with the May 2023 letting. The new sheets are available in MicroStation® “dgn” and Adobe® “pdf” formats at the following address:

<http://www.txdot.gov/insdtdot/orgchart/cmd/cserve/standard/toc.htm>

If you have any questions, please contact me at (512) 416-3200 or Rafael Riojas at (512) 416-3120.

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Attachment