



April 20, 2004

TO: South Central Region

THRU: Don Whitehouse *DW*

FROM: Rick F. Gifford *RF*
SCR Traffic Engineer

SUBJECT: Pavement Marking Material Guide for SCR

The attached Pavement Marking Material Guide (Policy) was developed to clarify and standardize what the South Central Region shall use for pavement markings. The Guide table is based on Design Manual figure 830-1, but modified for our Region. This table also includes our Recessed Pavement Marker Policy; so that Memorandum dated March 7, 2003 can be destroyed.

We will use this Guide to be more consistent within our region and to better match what our neighboring regions are doing.

RFG:rfg

Attachment: Pavement Marking Material Guide (Policy)

cc: Toby Rickman
file: TRS 16

**South Central Region
Pavement Marking Material Guide (Policy)**

| Roadway Classification | Marking Type | | | | |
|-------------------------------|-----------------------------|--|------------|------------|---------------------------|
| | Center Lines | Lane Lines | Edge Lines | Wide Lines | Special Pavement Markings |
| I-90 | N.A. | Paint & RRPM's or Inset Plastic & RRPM's ¹⁰ | Paint | Plastic | Plastic |
| I-82 I-182 | N.A. | Inset Plastic | Paint | Plastic | Plastic |
| Urban Principal Arterial – U1 | Paint & RRPM's ³ | Paint & RRPM's ³ or Inset Plastic | Paint | Plastic | Plastic |
| Rural Principal Arterial – R1 | Paint & RRPM's | Paint & RRPM's or Inset Plastic | Paint | Plastic | Plastic |
| Minor Arterial | Paint | Paint | Paint | Paint | Plastic |
| Collector | Paint | Paint | Paint | Paint | Plastic |

Notes:

1. Insets are grooves ground into the pavement in which plastic or paint is placed so that it is below the road surface.
2. RRPM's refers to Recessed Reflective Pavement Markers, Type 2 RPM's installed in grooves ground into the pavement. (See Standard Plan H-3).
3. RRPM's are not required on center or lane lines in continuously illuminated sections [Section 830.03(2)].
4. No RRPM's shall be installed on bridges or structures.
5. Use of RRPM's and plastic striping shall be determined on a case-by-case basis.
6. Use of RRPM's and/or plastic in conjunction with centerline rumble strips shall be determined on a case-by-case basis.
7. Special pavement markings include arrows, symbols, letters, crosswalks, stop bars, and channelizing lines.
8. The Region Special Provision will address the type of plastic materials to be used.
9. Different marking materials may be considered on an individual basis based on a study that takes into account speed, volume, adverse weather conditions, and presence of roadway lighting.
10. I-90 between MP 40 and MP 72.

Figure 830-1 (Mod.)

Approved:


Don Whitehouse, SC Region Administrator

4-19-2004
Date