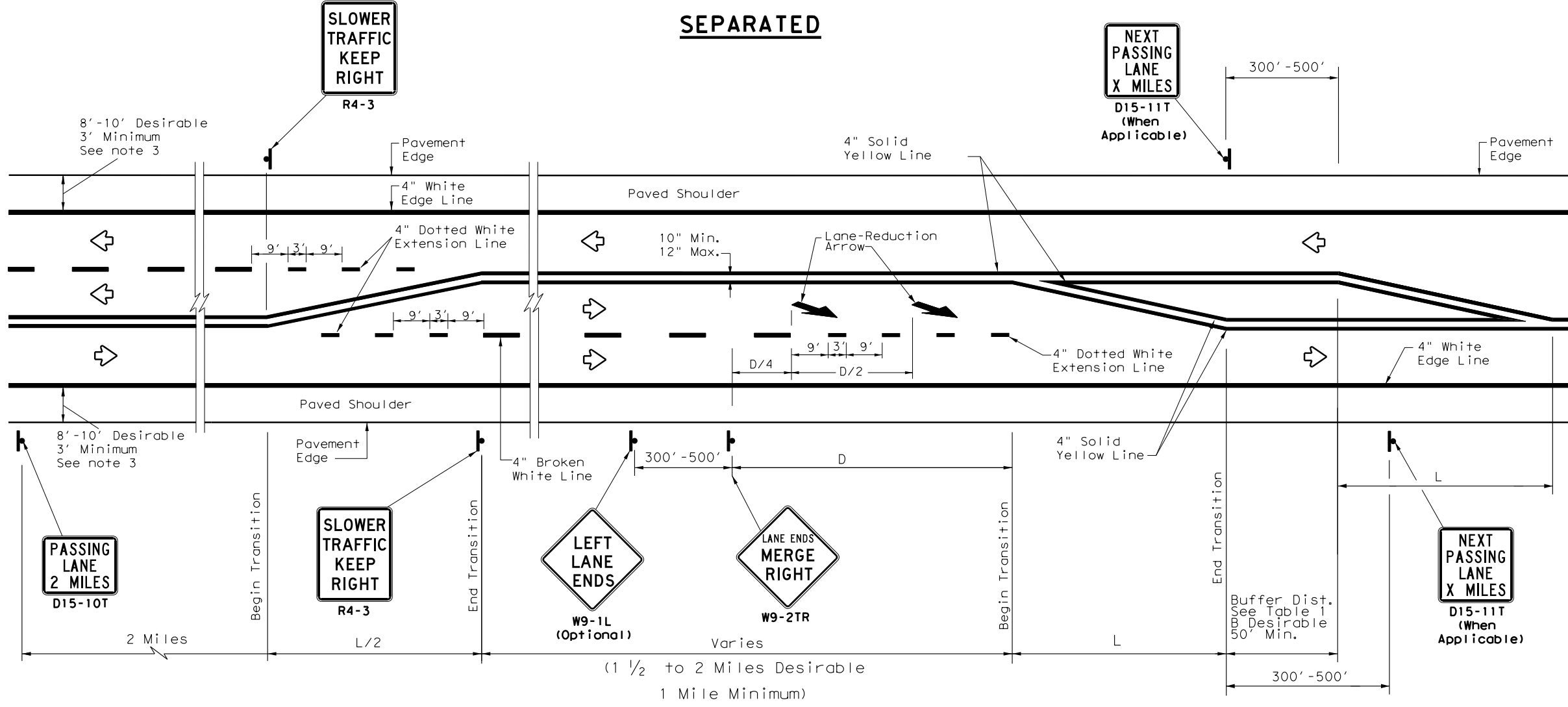
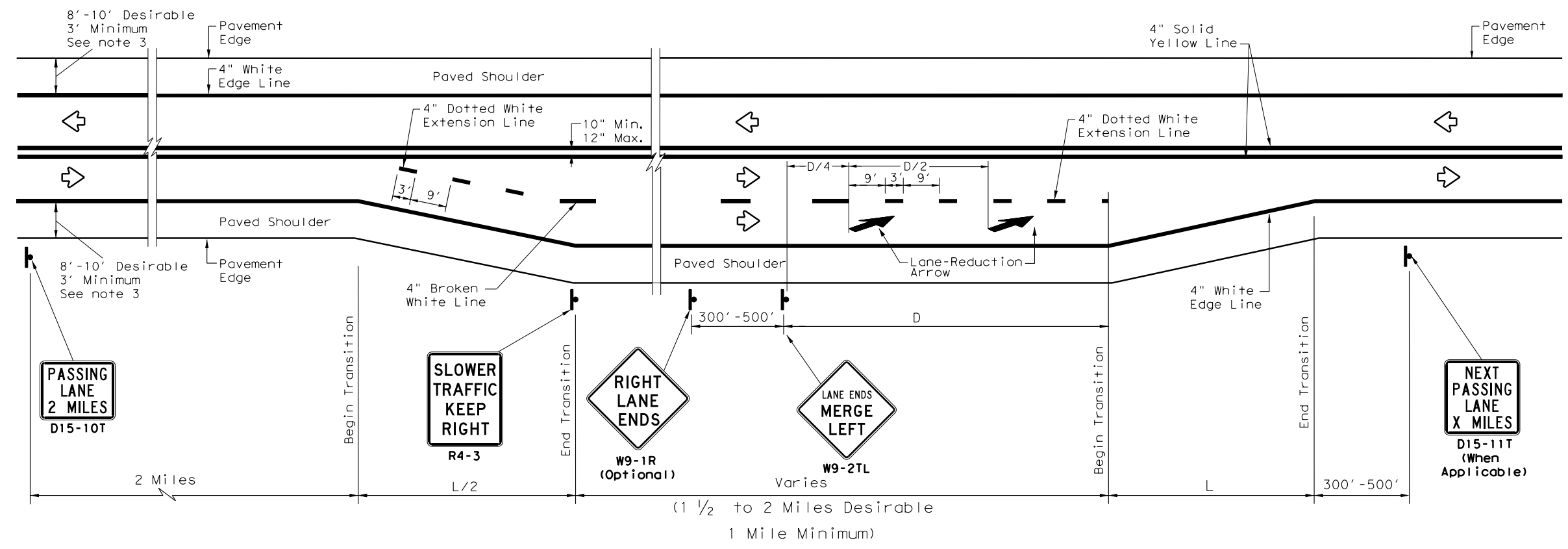


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DATE: FILE:



| LEGEND | |
|--------|--------------|
| | Sign |
| | Traffic Flow |

| TYPICAL TAPER LENGTH (L) | |
|--------------------------|----------|
| Formula * | $L = WS$ |

* Transition length should be rounded up to nearest 5 foot increment.

L=Length of Transition (FT)
 W=Width of Offset (FT)
 S=Posted Speed (MPH)

EXAMPLE
 A 12 foot lane is added on a 70 mph roadway. The length of the transition should be:
 $L = 12 \times 70 = 840 \text{ ft}$

**TABLE 1
 ADVANCE WARNING SIGN
 DISTANCE (D)
 AND BUFFER DISTANCE (B)**

| Posted Speed | D (FT) | B (FT) |
|--------------|--------|--------|
| 40 | 670 | 305 |
| 45 | 775 | 360 |
| 50 | 885 | 425 |
| 55 | 990 | 495 |
| 60 | 1100 | 570 |
| 65 | 1200 | 645 |
| 70 | 1250 | 730 |
| 75 | 1350 | 820 |

GENERAL NOTES

- For minimum and desirable design details, see the Roadway Design Manual, Chapter 4, Section 6, Super 2 Highways.
- For Raised Pavement Markers (RPM) details, see Pavement Markings Standard sheet, PM(2). Note that RPMs are not recommended on the 4" dotted white extension lines.
- For rumble strip options available for the designed shoulder width, see rumble strip standard sheet RS(4).



**TEXAS SUPER 2
 PASSING LANES**

TS2 (PL-1) - 18

| | | | | |
|--------------------|------|--------|-----------|---------|
| FILE: ts2-1-18.dgn | DN: | CK: | DW: | CK: |
| © TxDOT May 2010 | CONT | SECT | JOB | HIGHWAY |
| REVISIONS | | | | |
| 2-12 | | | | |
| 3-12 | | | | |
| 3-18 | | | | |
| | DIST | COUNTY | SHEET NO. | |