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December 20, 2016

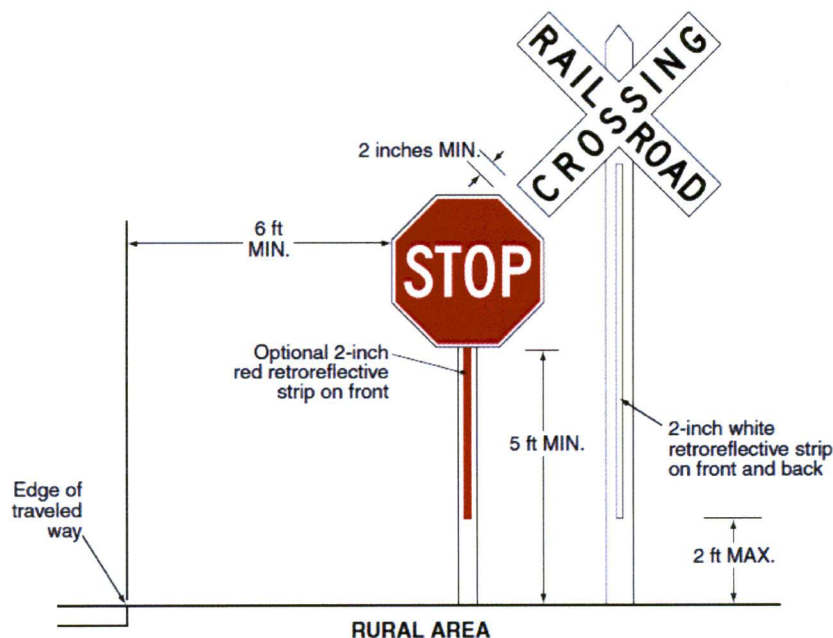
Trey Baxter
President, Madison County Board of Supervisors
P.O. Box 608
Canton, MS 39046

Dear Mr. Baxter:

Re: Pisgah Bottom Road Diagnostic Review Recommendations

A Diagnostic Review at the Pisgah Bottom Road grade crossing (US DOT# 299 743D) was conducted on September 27, 2016. As a result of the review, the following changes are needed to bring this location into compliance with the 2009 Edition of the Manual on Uniform Traffic Control Devices (MUTCD):

- 1) STOP signs should be added at the crossing at east and west approaches. They should be placed in the same plane as the existing Crossbucks. For convenience, here is an illustration of a STOP sign and Crossbuck in a rural setting:



- 2) A Highway-Rail Grade Crossing Advance Warning sign (W10-1) should be installed in advance of the crossing on the east and west approaches. Placement of the advance warning signs must be in accordance with Condition B, 0³ of Table 2C-4 on Page 108 of the 2009 Edition of the MUTCD. For convenience, here's an illustration of a W10-1:



W10-1

- 3) A Low Ground Clearance sign (W10-5) should be installed at the nearest intersecting highway where a vehicle can detour, or at a point on the highway wide enough to permit a U-turn. Since the Low Ground Clearance sign might not be readily recognizable by the public, the Low Ground Clearance sign should be accompanied by the Low Ground Clearance education plaque (W10-5P) and is to remain in place for at least 3 years after the initial installation of the W10-5 sign. Additionally, an Ahead plaque (W16-9P) should be installed below the W10-5 and W10-5P. For convenience, here is a picture of the W10-5, with the W10-5P and W16-9P plaques:



W10-5



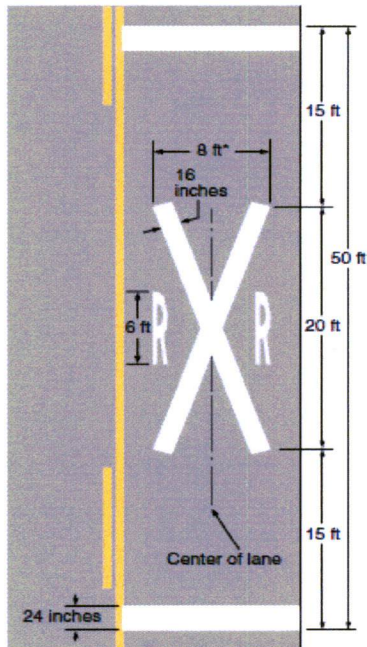
W10-5P



W16-9P

- 4) Stop lines should be added on the east and west approaches to the crossing. It should be a transverse line, perpendicular to the traveled way and should be placed no closer than 15 feet from the nearest rail.
- 5) Grade Crossing Pavement Markings should be added on the east and west approaches in retroreflectorized white. For placement, refer to Figure 8B-6 on Page 765 of the 2009 MUTCD. For convenience, here's an illustration of the needed Grade Crossing Pavement Markings:

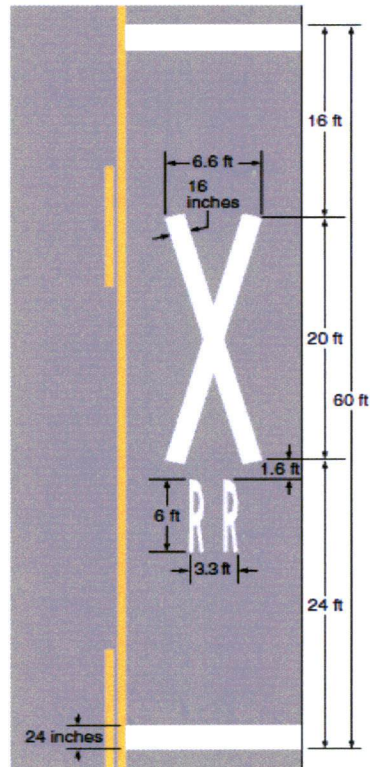
A - Grade crossing pavement marking symbol



*Width may vary according to lane width

Note: Refer to Figure 8B-6 for placement

B - Grade crossing alternative (narrow) pavement marking symbol



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If I can be of any further assistance, please contact me at (601) 359-1454.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J Stubbs'.

Josh Stubbs, P.E.
Rails Engineer

pc: Mr. Richard Chisolm, Assistant Chief Engineer – Field Operations (91-01)
Mr. James S. Sullivan, State Traffic Engineer (76-01)
Mr. Jim C. Willis, Assistant State Traffic Engineer (76-01)
Mr. Danny McDonald, District 5 Rails Representative (25-01)
Mr. William Spell, Rails Inspector (66-01)