

**Supplemental Specification  
2012 Standard Specification Book**

**SECTION 13557M**

**VARIABLE MESSAGE SIGN**

**Delete Article 3.1, paragraph A and replace with the following:**

- A. Contact the Engineer at least 14 calendar days before picking up the State furnished VMS display, VMS controller, and VMS cable (fiber optic).

**Delete Article 3.2, paragraph E and replace with the following:**

- E. Make final adjustments to sign horizontal and vertical angles.
  - 1. Aim VMS in the direction of on-coming vehicles
  - 2. Type I Overhead VMS
    - a. Mount on full span support structure
    - b. Use for Type I VMS only
    - c. Orient perpendicular to the viewing angle of motorists 800 ft before the sign
  - 2. Type I Cantilever VMS
    - a. Mount on cantilever support structure
    - b. Use for Type I and Type II VMS
    - c. Typically installed perpendicular to the oncoming driver's eye
    - d. Orient perpendicular to the viewing angle of motorists 800 ft before the sign
  - 3. Roadside Butterfly VMS
    - a. Used for Type II VMS only
    - b. Orient the according to the plans.
  - 4. Adjust the sign angle as needed based on the Engineer's recommendations during initial installation