

**7000800, Highway Signing
Comments from Industry Review**

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Comment:

700-8 Erection of Signs and Sign Supports. Do not erect overhead sign supports until the concrete in the support footing has cured for at least seven days. The Engineer may allow sign support erections prior to seven days provided the footing concrete strength is at least 2,500 psi. Determine concrete strength from tests on a minimum of two test cylinders, tested in accordance with Section 346. Would add the following statement after section 346- and verifying test results have been provided to the department.

Response: Agree. Change made.

Daniel Cobb
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Comment:

Consider the following revision- Note the similarity to 7150603. Do not erect overhead sign supports until the strength of the concrete in the support footing is at least 2500 psi.

Response: Noted. Consistency addressed.

Mike Bergin
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Comment:

Suggest that the time be extended to 14 days in addition to the 2500 psi. This give the contractor the option of waiting (say 14 days) or hiring a test lab to make and break compressive strength cylinders. This will increase the cost of foundations due to the extra cost of the lab testing. The option will minimize additional cost but provide additional time prior to any loading of the foundation.

Response: Noted, but the cost of preparing and sampling is minimal compared to the cost of structure and financial consequence of failure. Minimum strength and not time will be used. No

changes made.

Karen Byram
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Comment:

The Product Evaluation Office has identified that the notification to manufacturers to submit a QPL application and the requirement information to submit with the application is missing. This needs to be included in this specification.

Response:

This will be addressed in the January 2010 Workbook with other similar changes to other sections.

Dan Haldi
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Comment:

ERECTION OF SIGNS AND SIGN SUPPORTS. (REV 10-3-08) ARTICLE 700-8 (of the Supplemental Specifications) is deleted and the following substituted:

700-8 Erection of Signs and Sign Supports. Do not erect overhead sign supports until the concrete in the support footing has cured for at least seven days. The Engineer may allow sign support erections prior to seven days provided the footing concrete strength is at least 2,500 psi. Determine concrete strength from tests on a minimum of two test cylinders, tested [add **per time**] in accordance with** [delete 346 and add ASTM C 31 and C39]**. Erect the signs and sign structures in accordance with the details shown in the plans. The Contractor may fabricate the structural steel sign trusses in sections that will fit into available galvanizing vats. Prior to galvanizing, weld the joints as specified in 460-6 and in accordance with the details shown in the plans. Re-galvanize damaged parts as specified in Section 562. Weld aluminum structures in accordance with 965-3.

Response: Noted. The verifying results are to be based on a minimum of two cylinders. The contractor may choose to prepare and test as many as he feels appropriate up to the verifying results. The reference to Section 346 has been changed to ASTM C 31 and C 39.

Rudy Powell

State Specifications Office

Comment: Add the following sentence to be consistent with 6490500 and 7150603. “Determine concrete strength from tests on a minimum of two test cylinders sampled and tested in accordance with ASTM C 31 and ASTM C 39 and verifying test results have been provided to the Engineer.”

Response: Agreed.
