

ALABAMA DEPARTMENT OF TRANSPORTATION

DATE: December 4, 2015

Special Provision No. 12-0325(2)

EFFECTIVE DATE: March 1, 2016

SUBJECT: Working Drawings.

Alabama Standard Specifications, 2012 Edition, Section 105, shall be amended as follows:

SECTION 105 CONTROL OF WORK

105.02 Plans and Drawings.

(c) Working Drawings.

1. Preparation of Drawings.

Item 105.02(c)2 shall be replaced by the following:

1. Preparation of Drawings.

The Contractor shall prepare and submit working drawings to supplement the plans. Working drawings shall be prepared to provide a complete illustration of the construction methods and materials proposed for use by the Contractor. Design calculations shall be submitted with the drawings. The signature, seal, and date of signature shall be placed on all details and design calculations by a Professional Engineer that is licensed in the State of Alabama and not employed by the ALDOT.

Working drawings and design calculations shall be submitted for:

1. Cofferdams, sheeting and shoring near a railroad track;
2. Cofferdams where "cofferdam and pumping" is required;
3. Structural steel girder erection plans for continuous span bridges;
4. Temporary bracing to provide stability for bridge girders;
5. Stay-in-place bridge deck forms;
6. Falsework for bridge deck overhangs (portion of deck outside of exterior girders);
7. Falsework for bridge bent caps;
8. Proposed temporary bridges;
9. Temporary steel sheet pile walls;
10. Falsework for the support of the top slab of cast in place concrete culverts;
11. Proposed placement of cranes on bridges;
12. Construction loads on bridges.

Working drawings and design calculations shall be submitted for any other construction process where noted on the plans or shown to be required in these specifications.

The Contractor shall be fully responsible for all of the costs of unacceptable construction work whether or not working drawings are submitted for the construction procedures and temporary materials that affect the quality of construction.

2. Submittal.

Item 105.02(c)2 shall be replaced by the following:

2. Submittal.

Six copies of working drawings and design calculations shall be submitted by the Contractor to the Construction Engineer. The drawings and calculations shall be submitted well in advance of the point in time when the work will be performed.

Working drawings for work on or over the railroad right-of-way must have the approval of the railroad company before the work will be allowed to begin. The Contractor shall submit four extra sets of drawings and design calculations for use by the Construction Engineer in obtaining a review by the railroad company. The Contractor shall make the submittal far enough in advance of the need for the work to begin so that the railroad company will have ample time to review the drawings and design calculations.

Working drawings and design calculations that have been submitted and distributed to ALDOT construction personnel by the Construction Engineer may be resubmitted for another project provided all requirements are identical in nature to the previous project. The resubmittal of working drawings and calculations shall be signed, sealed and dated again by the Professional Engineer that originally sealed the drawings. The Professional Engineer shall clearly indicate on the drawings and calculations that the resubmittal is applicable to the new work.