**NOTICE**

This is a standard special provision that revises or modifies CDOT’s *Standard Specifications for Road and Bridge Construction*. It has gone through a formal review and approval process and has been issued by CDOT’s Construction Engineering Services Branch with formal instructions regarding its use on CDOT construction projects. It is to be used as written without change. Do not use modified versions of this special provision on CDOT construction projects, and do not use this special provision on CDOT projects in a manner other than that specified in the instructions unless such use is first approved by the Standards and Specifications Unit of the Project Development Branch. The instructions for use on CDOT construction projects appear below.

Other agencies that use the *Standard Specifications for Road and Bridge Construction* to administer construction projects may use this special provision as appropriate and at their own risk.

**Instructions for use on CDOT construction projects:**

Use this standard special provision on all projects.

Section 105 of the Standard Specifications is hereby revised for this project.

Delete Subsection 105.02 (b) and replace with the following:

1. *Shop drawings, Working Drawings, and Other Submittals - General*. All work shall be performed in accordance with the plans, reviewed shop drawings, working drawings, or other submittals. Specific requirements for the required shop drawings, working drawings, and other submittals for this project are contained in the specifications.

The Contractor shall be responsible for the accuracy of all dimensions and quantities shown on the shop drawings, working drawings, and other submittals. The Contractor shall correlate all information in the Contract, in the submittals, and in all revisions at the project site to insure that there are no conflicts and that the work can be constructed as shown. The Contractor shall be responsible for all information that pertains to the fabrication processes and methods of construction.

Shop drawings, working drawings, and other submittals shall be delivered to the Engineer. The Contractor shall notify the Engineer, in writing, at the time of submittal of shop drawings, working drawings, and other submittals, of any information submitted that deviates from the requirements of the plans and specifications. In addition, specific notation of the deviations or changes from the plans and specifications shall be placed on the shop drawing, working drawing, or other submittal.

As defined in Table 105-1, the first sheet or page of each set of shop drawings, working drawings, and other submittals shall be stamped "Approved for Construction" and signed or electronically sealed by the Contractor. Submittals shall be made in complete packages which will allow the Engineer to properly review them for general compliance with the Contract and to effectively evaluate the proposed methods of construction. The allowed time for review shall not begin until such submittals are complete.

The format of the shop drawings, working drawings, and other submittals shall be as follows:

* 1. Electronic shop drawings and working drawings are preferred. Computer drafted 11-inch by 17-inch drawings may be submitted.
  2. All manually drafted shop drawings and working drawings shall be 34 inches long by 22 inches wide overall. There shall be a 2-inch margin on the left side of the sheet and a ½-inch margin on the other three sides. A blank space, 6 inches long by 3 inches wide, shall be left available near the lower right-hand corner of shop drawings, for the Engineer's review stamp or seal.
  3. There shall be a title block in the lower right-hand corner of each sheet. The title block shall show the project number, structure number, the location of the structure, the contents of the sheet, designer/engineer, sheet number, and revision number.
  4. Design notes, calculations, lists, reports, descriptions, catalog cuts, and other non-drawing submittals shall be submitted on 8 ½-inch by 11-inch sheets.
  5. Unless otherwise specified, seven sets of shop drawings, and other submittals shall be submitted to the Engineer. One additional set of shop drawings shall be submitted for each railroad company.
  6. Unless otherwise specified, two sets of working drawings shall be submitted to the Engineer.

The Contractor’s Engineer, shall electronically seal the shop drawings, working drawings, other submittals and all revisions when required by the specifications. CDOT will not accept nor return submittals without the required seal.

Table 105-1 at the end of subsection 105.02, summarizes the minimum required submittals in one location for information and clarifies the type of submittal and whether the Contractor's Engineer shall electronically seal the submittal. Table 105-1 may not be all inclusive. The Contractor shall provide all submittals required by the Contract, including those not listed in the table.

Delete Table 105-1 and replace with the following:

**Table 105-1**

**SUMMARY OF CONTRACTOR SUBMITTALS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Section No.** | **Description** | **Type** | **Contractor P.E. Seal Required?** |
| 504 | MSE Walls (Contractor Alternative) | Shop Drawing | Yes |
| 504 | MSE Walls (Default Design) | Shop Drawing | No |
| 508 | Timber Structures | Shop Drawing | No |
| 509 | Steel Structures | Shop Drawing | No |
| 512 | Bearing Devices Type II | Shop Drawing | No |
| 512 | Bearing Devices Type III | Shop Drawing | Yes |
| 514 | Pedestrian and Bikeway Railing | Working Drawing | No |
| 518 | Expansion Devices: 0-4" | Working Drawing | No |
| 518 | Expansion Devices: 0-6", 9", 12". | Shop Drawing | Yes |
| 601 & 618 | Precast Panel Deck Forms | Working Drawing | No |
| 601 | Permanent Steel Bridge Deck Forms | Working Drawing | Yes |
| 601 | Falsework | Working Drawing | Yes |
| 602 | Reinforcing Steel | Working Drawing | No |
| 606 | Bridge Railing | Working Drawing | No |
| 607 | Sound Barriers (Alternative) | Shop Drawing | Yes |
| 607 | Sound Barriers (Default Design) | Working Drawing | No |
| 613 | Light Standards (Low Mast) | Working Drawing | Yes |
| 613 | Light Standards (High Mast) | Working Drawing | Yes |
| 614 | Overhead Sign Structures | Shop Drawing | Yes**\*** |
| 614 | Variable Message Signs (Cabinet and tilting bracket) | Working Drawing | Yes |
| 614 | Traffic Signal Pole (Mast Arm) | Shop Drawing | No |
| 614 | Traffic Signal Pedestal Pole | Working Drawing | Yes |
| 614 | Traffic Signal Equipment | Working Drawing | No |
| 618 | Prestressed Concrete (Pre-tensioned) | Shop Drawing | Yes\* |
| 618 | Prestressed Concrete (Post-tensioned) | Shop Drawing | Yes\* |
| 618 | Steel Diaphragms between Prestressed Girders | Working Drawing | No |
| 628 | Pre-fabricated Pedestrian Bridges | Shop Drawing | Yes |
| \*An electronic P.E. seal is required where the Contractor has provided the design for the item, or performed engineering to modify the details shown on the plans. The P.E. seal is not required where complete details are provided on the plans. | | | |