

**S U P P L E M E N T A L   S P E C I F I C A T I O N**  
**AMENDMENT TO SECTION 105 – CONTROL OF THE WORK**

*The purpose of this Supplemental Specification is to update Section 105.02  
to correspond with the updated NHDOT standard stamps.*

**Replace** Section 105.02 – Plans and Working Drawings with the following:

**105.02 Plans and Working Drawings.**

Plans shall be supplemented by Contractor-prepared Working Drawings as found necessary to control the Work and its prosecution. Working Drawings consisting of details that are not included in the Plans but are required for the Work shall be furnished to the Department. Working Drawings that include deviations from that which are shown in the Contract including, but not limited to, changes in dimensions, material, fabrication process, and specific design requirements shall be flagged on the drawings and/or accompanied by a written narrative specifically requesting such changes.

The Contractor shall submit the required Working Drawings to the Engineer for approval, acceptance, or documentation. All information the Engineer used in preparation of the Working Drawings shall be furnished in the submittal including, but not limited to, calculations, catalog cuts, sketches or drawings, narrative of work, design assumptions, and manufacturer’s engineering data for prefabricated items, including falsework and forms. The Working Drawings shall be furnished well in advance of the Work to allow the Engineer time to review or distribute the Working Drawings. Any work done or materials ordered for work shown on the Working Drawings prior to approval or distribution of the drawings shall be at the Contractor’s risk.

- A. Approval.** Working Drawings submitted for approval are typically fabrication shop drawings for permanent installations that provide additional detailing to Department designs and do not require a PE stamp. The Department “approval” is for general conformity with the contract plans, proposal, addenda, special provisions, and standard specifications.

Working Drawings submitted for approval shall include, but are not limited to, the following:

- Bending diagrams when required for reinforcing steel
- Bridge mounted sign supports
- Expansion joints (compression seal, strip seal, finger joints)
- Bridge railing
- Bridge bearings (elastomeric, steel)
- Structural steel
- Drilled shafts and micropiles
- Partial-depth precast deck panels
- Full-depth deck panels
- Pipe lining
- Welding procedures

- B. Acceptance.** Working Drawings submitted for acceptance are typically fabrication shop drawings for permanent installations that are designed by the Fabricator/Contractor and are stamped, prepared, and signed by a Licensed Professional Engineer registered in the State of New Hampshire. Calculations for the design shall be submitted for documentation. The Department will perform a review of both the Working Drawings and design calculations. The Department “acceptance” is for general conformity with the contract plans, proposal, addenda, special provisions, and standard specifications.

Working Drawings submitted for acceptance shall include, but are not limited to, the following:

- Overhead sign structures and foundations
- Traffic signal structures
- ITS supports and foundations
- Precast culverts, arches, frames, or other precast elements
- Retaining walls
- Prefabricated bridges
- Bridge bearings (high load multi-rotational, isolation)
- Expansion joints (modular)
- Railroad crossing structures
- Storm Water Pollution Prevention Plan and other environmental plans
- Detour plans (The Contractor may propose detours not shown on the Plans by submitting proposed locations, layout, grade, typical cross-sections, protective fixtures, and signing.)

**C. Documentation.** Working Drawings submitted for documentation are typically documents for temporary works that are designed by the Contractor and are stamped, prepared, and signed by a Licensed Professional Engineer registered in the State of New Hampshire. The Department will perform a review of both the Working Drawings and design calculations for general conformity with the contract plans, proposal, addenda, special provisions, and standard specifications. The Engineer's receipt of documentation or distribution of the Contractor's Working Drawings for documentation does not relieve the Contractor from responsibility under the Contract for errors in dimensions, incorrect fabrication and erection processes, design requirements specified, or successful completion of the Work.

Working Drawings submitted for documentation shall include, but are not limited to, the following:

- Progress schedules
- Temporary bridges
- Removal of existing bridge structures
- Cofferdams
- Water diversion structures
- Erection procedures
- Temporary support systems
- Falsework plans
- Scaffolding
- Bridge analysis

The Contractor shall submit the Working Drawings for approval and/or acceptance to the Engineer for review. The Engineer will be allowed up to fifteen (15) Working Days for review of each submission. If the Engineer has not responded to the Contractor after fifteen Working Days, the Contractor shall contact the Engineer to inquire about the status of the submittal. If the Engineer requires more time for review and the Contractor believes that an extension of the Contract Time is warranted due to this additional review time, the Contractor shall request a time extension and proceed as required by 104.02 and 108.07. A delay caused by additional time required for review is an Excusable, Non-compensable Delay. Each resubmission including requests for additional information will be treated as a new submission and may require up to fifteen (15) Working Days for review by the Engineer. The fifteen Working Days will begin upon receipt at the Bureau of Construction's main office. The review will be considered complete when the date and status has been placed on the submittal. One set of the drawings will be returned to the Contractor marked with a response. The Department reserves the right to return the Working Drawings for revisions based on the content and non-conformance with the Plans and Specifications.

If the submittal is a paper copy, after approval/acceptance has been given, the Contractor shall supply the Engineer with four sets of the revised Working Drawings. The Contract Amount shall include the cost of furnishing all Working Drawings.