

SECTION 496 THRU 498 — RESERVED**SECTION 499 — WORKING DRAWINGS**

499.01 DESCRIPTION. This work includes the scheduling and distribution of working drawings, which are described in TC-1.02 and TC-4.01. Working drawings shall exhibit good drafting practices and represent the original work of the Contractor, fabricator, or supplier. Submitting duplicated portions of the Plans as working drawings is prohibited. The Contractor shall also submit calculations or other information deemed necessary to backup working drawings when requested by the consultant/Administration. Calculations and other backup material shall be signed and sealed by a professional engineer registered in the State of Maryland when specifically requested.

499.02 MATERIALS. Not applicable.

499.03 CONSTRUCTION.

499.03.01 Schedule. As a first order of work, the Contractor shall prepare and submit in conformance with 499.03.02 or 499.03.03 a schedule for the submission of the working drawings. The schedule shall be coordinated with and be in full accord with the Progress Schedule submitted to the procurement officer under GP-8.04 and TC-5.02.

The schedule shall include each type of working drawings (e.g. form plans, structural steel, etc.), approximate number of drawings to be reviewed, estimated date of first submission, and estimated rate of submission of drawings (e.g. 5/wk). Where possible, the most crucial drawings shall be submitted first with sufficient time for review so as to minimize delays during construction.

499.03.02 Consultant Engineering Firm. When the Contract Documents specify that a consultant engineering firm is to review the working drawings for the structure, all working drawings shall be sent to that firm.

To expedite the checking and distribution of working drawings, fabricators or suppliers may send prints directly to the appropriate consultant engineering firm with copies of all correspondence to the Contractor, Director - Office of Bridge Development, and the District Engineer. If the Contractor requests that all plans be routed through the Contractor's office, then the establishment of that procedure should be the first order of work so as to avoid possible misunderstandings as to the processing. The Contractor shall be aware that this plan of action will

delay the turn around time and will not constitute grounds for complaint or a time extension.

The Contractor, fabricator, or supplier shall furnish to the consultant engineering firm six prints each of all working drawings, etc., for primary review.

Once primary review is complete the Contractor, fabricator, or supplier shall furnish to the consultant engineering firm additional prints (number to be furnished by primary reviewer) for stamping and forwarding to the Administration's Office of Bridge Development for secondary review and distribution.

All working drawings for the structures will not be considered accepted until they bear the acceptance stamps of both the consultant engineering firm and the Administration's Office of Bridge Development.

499.03.03 Office of Bridge Development. When no consultant engineering firm is specified in the Contract Documents, all working drawings for the structures shall be sent to the Director - Office of Bridge Development.

To expedite the checking and distribution of working drawings, fabricators or suppliers may send prints directly to the Director with copies of all correspondence to the Contractor and the District Engineer. If the Contractor requests that all drawings be routed through the Contractor's office, then the establishment of that procedure should be the first order of work so as to avoid possible misunderstandings as to the processing. The Contractor shall be aware that this plan of action will delay the turn around time and will not constitute grounds for complaint or a time extension.

The Contractor, fabricator, or supplier shall furnish to the Director three prints each of all working drawings, etc., for primary review.

Once primary review is complete the Contractor, fabricator, or supplier shall furnish to the Director additional prints (number to be furnished by primary reviewer) for final review and distribution.

499.03.04 Revisions and Substitutions. All modifications, regardless of whether or not the Contract includes a consultant engineering firm, shall be sent to the Director - Office of Bridge Development for acceptance. Any modifications implemented, without written acceptance from the Director - Office of Bridge Development, shall be subject to the requirements of GP-5.02.

499.04 MEASUREMENT AND PAYMENT. This work will not be measured but the cost will be incidental to other pertinent items included in the Contract Documents.