

SUBMISSION OF WORKING SCHEDULE.

(REV 11-29-99) (FA 12-21-99) (7-00)

SUBARTICLE 8-3.2 (Pages 73 and 74). The text is deleted and the following substituted:

Submit to the Engineer a Critical Path Method (CPM) schedule for the project within 30 calendar days after execution of the Contract or at the preconstruction conference, whichever is earliest.

The schedule must show work activities in sufficient detail to demonstrate a reasonable and workable plan to complete the project within the Contract Time. Show the order and interdependence of activities and the sequence in which the work will be accomplished. Describe all activities so that the work is readily identifiable and the progress on each activity can be readily measured. The Engineer must authorize any activity spanning more than 30 days, except MOT and procurement activities.

Failure to include any element of work or any activity relating to utility relocation will not relieve the Contractor from completing all work within the adjusted Contract Time at no additional time or cost to the Department, notwithstanding the acceptance of the schedule by the Department.

The schedule submittal shall consist of network diagrams, a barchart, and accompanying mathematical analyses. A network diagram shall show the order and interdependence of activities and the sequence in which the work is to be accomplished. The mathematical analysis of the network diagram shall include a tabulation of each activity shown on the detailed network diagrams. A bar-graph and analysis shall together, show the following information for each activity, as a minimum:

- (a) Activity description.
- (b) Early start date.
- (c) Late start date.
- (d) Original duration - in working days.
- (e) Total Float.

All submittals, initial or monthly progress updates, shall have a copy of the schedule files on a Windows 95/98 compatible 3.5" diskette attached. The files shall be in one of the following formats:

1. Primavera (P3) project files using the Primavera Project Planner (latest version) "Back up" menu selection. Ensure that the option "Remove access list during backup" is checked.

2. Suretrak (latest version) "Back up" menu selection. Ensure that the option "Remove access list during backup" is checked.

All printed reports will be submitted on 8 1/2 by 11 inch [216 by 280 mm], 8 1/2 by 14 inch [216 by 356 mm], or 11 by 14 7/8 inch [280 by 378 mm] bond paper. All diagrams

will be ANSI B (11 by 17 inch) [(280 by 432 mm)], C (17 by 22 inch) [(432 by 559 mm)], D (22 by 34 inch) [(559 by 864 mm)] or E (34 inch by 44 inch) (864 mm by 1,118 mm) size.

Sufficient liaison shall be conducted and information provided to indicate coordination with utility owners having facilities within the project limits. The schedule must reflect the utility adjustment schedules included in the Contract Documents, unless changed by mutual agreement of the utility company, the Contractor, and the Department.

Acceptance of the Critical Path Method schedule will be dependent upon satisfactorily identifying work items, dates and durations in conformance with the terms of the Contract and the established Contract Time. Show all non-work days on the calendar.

If the Engineer determines any schedule submission is deficient, it will be returned to the Contractor for correction. Submit a correct schedule within 15 calendar days from the transmittal date. All Contract payments will be withheld for failure to finalize either the initial or an updated schedule in the specified time, until the schedule is accepted. Use the accepted schedule for planning, organizing, directing, and reporting progress.

The schedule may indicate a completion date in advance of the Contract completion date. However, the Department will not be liable in any way for the Contractor's failure to complete the project prior to the Contract completion date. Any additional costs, including extended overhead incurred between the Contractor's schedule completion date and the completion of the Contract Time, shall be the responsibility of the Contractor. The Contractor shall not be entitled to claim or recover any such costs from the Department.

The Engineer will designate the location for a regular Monthly Progress Meeting at which all principal parties are expected to attend. Monthly meetings will be held the week before the Estimate cut-off date so that job progress will coincide with the monthly estimate. At this meeting, provide the most recent schedule, updated to reflect actual start dates, actual finish dates, added activities, changes in sequences and days remaining. If the schedule provided indicates an actual or potential delay to the completion of the Contract, provide a narrative identifying the problems, causes, the activities affected and describing the means and methods available to complete the project in the authorized time.

If the Contract duration substantially changes as a result of time extensions or supplemental agreements, the Engineer may request that the current schedule be updated. If satisfactory, the updated schedule will replace the most recent current schedule for measurement of progress.

Prosecute the work in accordance with the latest accepted Working Schedule. If progress of critical items are delayed, due to no fault of the Department, provide a written plan itemizing methods to complete the project within the time allowed. All additional costs associated will be at no expense to the Department. Submit supplementary schedules for acceptance by the Engineer to demonstrate how progress will be regained.

Float is not for the exclusive use or benefit of either the Department or the Contractor. Time extensions for damages or delays will be granted only to the extent that time adjustments to the affected activities exceed the total float time along the affected paths of the schedule current at the time of delay.