

**OKLAHOMA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION
FOR
CONTRACTOR'S CRITICAL PATH METHOD (CPM) SCHEDULE REQUIREMENTS
PROJECT NUMBER, JP NO. 00000(04), COUNTY**

These special provisions amend and where in conflict, supersede applicable sections of the 2009 Standard Specifications for Highway Construction, English and Metric. The units for this project are those specified in the project plans.

108.03 PROSECUTION AND PROGRESS *(Add the following:)*

This specification shall define the standardization of schedule development and schedule reporting. Scheduling requirements must adhere to the specifications below in addition to those in the Standard Specification.

A. Activities Schedule Chart and Written Narrative

(1) Schedule Requirements

Use Primavera SureTrak, Project Planner Software, or later editions of Primavera. Any additional software used must be capable of being directly read and manipulated by Primavera software. Conform all schedules to the requirements of the critical path method as outlined in the Standard Specification unless noted otherwise.

B. Critical Path Progress Schedule

Include two electronic copies of the schedule on CD-ROM and four hard copies with the submittal. On the hard copies show a detailed, continuous network from left to right. Draft the network on paper 24 inches (610 mm) in width and 36 inches (914 mm) in length. Include a written narrative conforming to the requirements of this specification with the CPM, and note the Data Date for the schedule submittal. Submittals that do not conform to these requirements will be rejected and returned for revision. Resubmit returned submittals within five calendar days.

CPM development must further adhere to the following requirements:

- (1) All activities in the schedule must be assigned to a coding system which includes the following codes:

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| MILE | <u>Project and Contract Milestones</u> All milestones identified in construction documents must be included as activities in the schedule. |
| PKG | <u>Work Package</u> Every activity within the schedule must be assigned to the work package identified in Construction Documents. |

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| RESP | <u>Responsible Firm (Entity) Work</u> Identify the entity responsible for the specific activity. |
| HAMM | <u>Hammocks</u> All activities associated with separate detours and road closures shall be included within a “hammock” activity identifying the road closed or detour required. |
| TYPE | <u>Type of Work</u> Type of work required such as structures, utilities, etc. |

- (2) No “hanging activities” will be allowed. All activities except the first activity in the network and the last activity must have predecessors and successors.
- (3) Artificial constraints or float constraints will not be allowed unless they are individually approved by ODOT.
- (4) The “Data Date” shall be included on each monthly schedule submittal and shall be the last Friday in the month. Accurately report status on all monthly submittals as of this date. Actual start and finish dates and percent completes shall be included for each activity.
- (5) Upon ODOT approval of the initial submittal of the schedule, the resulting schedule will be known as the Baseline Schedule. Report all status and future submittals on the Baseline Schedule. Changes to logic on future Baseline Schedule updates must be approved by ODOT. Once approved and changed, the revised schedule will be used for future monthly schedule submittal reports. Prepare the original Baseline Schedule with a Data Date matching the date of Notice to Proceed.
- (6) Unless otherwise approved by ODOT, assign construction activities to a five day workweek calendar which includes seven holidays and twelve weather days. Assign hammock activities to a seven day calendar. Assign railroad review and approval activities to a seven day calendar.
- (7) Unless otherwise approved by ODOT, assign review activities by ODOT to a duration of 10 work days. Failure or refusal of ODOT to approve submittals will not relieve the Contractor of responsibilities included in construction documents.
- (8) Include a Methods Statement including the following information as a minimum with the initial schedule submittal:
 - (a) **Bid Item or Project Component.** Each activity name should include the extents of the item/component, i.e., earthwork, retaining walls, drainage structures and roadway components, being constructed, as well as labeling bridge abutments, piers/caps, etc., for bridge work.
 - (b) **Responsibility.** Contractor, subcontractor, utility, etc. responsible for the item or component

- (c) ***Procedures.*** The procedures anticipated to complete the work broken down into major components.
- (d) ***Production Rates.*** Production rates planned per day for each activity.
- (e) Number of days per week, number of shifts per day, and hours per shift anticipated for the work.
- (f) Sixty (60) calendar days for railroad review and approval of shop drawings, or any other submittal requiring review and approval by one or more railroads.

SAMPLE