

Section 01326

CONSTRUCTION SCHEDULE (BAR CHART)

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Provide initial Construction Schedule as required by this section for Work. Do not start construction until schedule is reviewed by City Engineer.

1.02 MEASUREMENT AND PAYMENT

- A. No payment will be made for this item. Include the cost of construction scheduling in overhead cost for this project.

1.03 FORM AND CONTENT OF INITIAL CONSTRUCTION SCHEDULE

A. Bar Chart:

1. Show major construction activities such as pipe laying (by traffic control phases or other approved key areas), tunnel construction, pavement removal, pavement replacement, pressure testing, chlorination, clean up and punch out as separate activities on schedule.
2. Show week duration for activities.
3. Show separate activities for each shop drawing and product data submittal critical to timely completion. Show submission dates and dates approved submittals will be needed from City Engineer.
4. Provide separate horizontal bar for each activity. List start and finish date for each activity at left side of diagram.
5. Horizontal Time Scale: Identify first work day of each week.
6. Scale and Spacing: Notes must be legible. Allow space for notations and future revisions.
7. Order of Listings: Order bar chart listings by phases or other approved groups of activities that are contiguous. List activities in chronological order within each phase or group.

B. Narrative Description:

1. Submit Narrative Description of anticipated work sequence as indicated by sequence of activities presented in schedule.

2. Narrative shall be of sufficient detail to discuss any activity that affects public (such as phases of traffic control), interaction with specific City forces (such as valved operation, chlorination and testing) or other associated prime Contractors.

1.04 PROGRESS REVISIONS

- A. Submit Progress Revisions or necessary information to complete and process Payment Application. When required, resubmittal for rejected revision must be submitted and reviewed prior to following months processing of Payment Application. Following months Payment Application will not be processed until resubmittal is reviewed and required Progress Revisions received.
- B. Provide Narrative Report to describe:
 1. Major changes in scope.
 2. Revised projections in progress, completion, or changes in activity duration.
 3. Other identifiable changes.
 4. Problem areas, anticipated delays, and impact on schedule.
 5. Corrective action recommended and its effect.
 6. Effect of changes on schedules or other prime contractors.
 7. Material delivery lead times.
 8. Include additional data with Bar Chart described in Paragraph 1.03A of this section:
 9. Show original dates for each activity in approved initial progress schedule by narrow bar next to wider bar for current schedule.
 10. Show date each activity actually started or finished when event has occurred. Clearly identify actual dates in two right-most columns in left portion of 11 by 17-inch chart.
 11. Indicate percentage progress to date of submission for each activity.

1.05 SUBMITTALS

- A. Submit initial progress schedule within 15 days after award of contract. City Engineer will review schedule and return copy within 21 days after receipt.
- B. Progress revisions cut-off date may be as early as twentieth of month to avoid delaying processing of Payment Application. Use cut-off day for first approved revision for all revisions.
- C. When required, resubmit within 7 days after return of review copy.

- D. Include in schedule connecting lines between bars to indicate sequence that activities will be accomplished. Impact will be known by corresponding changes to preceding or succeeding activities identified by connecting lines when activities start or finish is modified. Submit minimum of 6 copies of bar chart on 11 by 17-inch opaque reproductions. Five copies will be retained by City Engineer and remaining copy will be returned.

PART 1 PRODUCTS - Not Used

PART 2 EXECUTION - Not Used

END OF SECTION