

Acme Construction
Category I & II Sample Baseline Progress Schedule Narrative
Project No. 0123-456-789
Any County, Virginia
Submittal Date

1. Description of the Contractor's Plan of Operations *(A written description of the overall plan of operations and proposed means and methods to complete each feature or major operation in terms of the proposed overall sequence of construction, general procedures, crew(s), and anticipated daily production rates for each major operation)*

a) Sequence of Construction:

The work has been planned to progress east to west, starting at Station 0+00 to Station 28+65 according to the suggested phasing included in the project documents.

Once Mobilization is complete, work will commence with installation of traffic control devices, temp signs/stripping, and traffic will be detoured as shown in the MOT plans.

Once the traffic control devices have been installed work will commence on the erosion and sediment control devices and clearing and grubbing in preparation for grading operations.

Phase 1 earthwork will commence about one week after clearing and grubbing has commenced. The first cut from Station 2+99 to Station 4+75 will be opened as soon as E&S devices are installed up to Station 10+00. We figure the first cut and the two grade areas will take about 3 weeks to complete. Once the first cut is complete, work will immediately commence on the second cut. The second cut area (sta. 10+50 to 20+00) and final grade areas are scheduled for 5 weeks.

Drainage work will follow the earthwork and we estimate drainage work will require about 3 weeks to complete. Once drainage is complete, fine grading will commence for about 2 weeks.

Once fine grading is complete, we will lay base stone; construct curb and gutter, and place base course, intermediate, and final asphalt to complete Phase 1 of the project. One week is scheduled for each operation.

Two weeks have been scheduled for punch list and cleanup work. The punch list needs to be prepared to allow for enough time to complete the work before the October 31st milestone completion date for Phase 1.

b) Procedures:

Mobilization will begin the week of April 2, 2007 and will involve organizing materials, mobilizing materials and equipment to the site, getting utility locates started, and coordinating our requirements with the superintendent (i.e. surveying, traffic control, sequence of the project, scheduling, etc.).

The first cut from Station 2+99 to Station 4+75 will be made with excavators loading into tandem axle dump trucks, which will haul the material to either the grade areas or the disposal area. Rock is anticipated in both the cut areas and will be broken up using hydraulic rams. Material for each cut will be used to build the adjacent grade areas, and then all excess material will be disposed.

Drainage work will follow the earthwork and excavators and/or backhoes will be used. We estimate drainage work will require about 3 weeks to complete. Once drainage is complete, 2 weeks is needed for fine grading the entire project using a motor grader.

Base stone will be tailgated in place and spread with a small dozer, graded with a motor grader, and compacted with a vibratory roller.

Paving will be performed using an asphalt paving machine and vibratory rollers.

c) Planned Resources:

- i) Planned Crew: Our typical crew will be one (1) Superintendent and one (1) 6-8 man crew including two (2) Certified Flaggers, two (2) Operators, and 2-4 Laborers.
- ii) Planned Equipment: Planned equipment will include but not limited to one (1) Excavator, one (1) Backhoe, one (1) Small Dozer, one (1) Motor Grader, one (1) Dump Truck, one (1) Vibratory Roller, and one (1) Paving Machine.

d) Anticipated Daily Production Rates: (Required only for Category II and higher)

- i) Earthwork: 500 cy/day;
- ii) Drainage: 100 ft/day;
- iii) Aggregate Base: 400 ton/day;
- iv) Asphalt Paving: 200 ton/day.

2. Tabular Schedule: (A tabular schedule to show milestones for completing each phase, feature, or stage of work; and sequence, start and finish dates of all relevant time-based tasks required for timely completion of the work. Show major milestones only for Cat II and higher; other time-related tasks will be shown in the Bar-chart or CPM schedules).

Task Description	Start	Finish
Receive Award/NTP	3-20-09	
Pre-construction/Scheduling Conference	3-30-09	3-30-09
Mobilization/Survey	4-2-09	4-13-09
Start Phase I Construction	4-16-09	
Install Temp Signs/Striping/Traffic Control Device	4-16-09	4-17-09
Detour Traffic for Phase 1 Construction	4-18-09	4-18-09
Erosion Control/Clear & Grub	4-18-09	4-30-09
Excavation/Rough Grading	4-23-09	6-19-09
Complete Excavation – Phase I		6/19/09
Construct Drainage	6-20-09	7-13-09
Fine Grading	7-16-09	7-30-09
Complete Grading and Drainage – Phase I		7/31/09
Install Aggregate/UD/Aggregate Base	8-1-09	8-7-09
Construct Curb & Gutter	8-8-09	8-15-09
Start Paving – Phase I	9-4-09	
Place Asphalt Concrete Base/Intermediate Course	9-4-09	9-5-09
Place Final Course Asphalt Concrete	9-12-09	9-13-09
Complete Paving – Phase I		9/14/09
Punch list/Cleanup/Install Seeding	9-17-09	10-26-09
Install Striping/Signs/Open Lanes to Traffic	10-27-09	10-30-09
Open Lanes to Traffic for Phase 1	10-31-09	10-31-09
Complete Phase I Construction		10-31-09

3. Calendar Considerations: *(A discussion on the working calendar with considerations for applicable constraints and restrictions (i.e. normal weather, holidays, traffic, time of year, utility, etc.)*

a) Work Calendar:

A normal work week is five (5) days (M-F) with one shift per day. The normal start time is 7:00 AM with eight (8) hours per shift. The schedule accounts for normally recognized holidays. The schedule assumes that work will be suspended at 12:00 noon on the day before major holidays.

b) Weather:

Based on historical weather data for this area, we anticipate rain to impact the work about four (4) days per month between April and September. The schedule assumes one (1) lost day per work week for the effects of rain for the entire duration of the project.

c) Schedule Constraints and Restrictions:

The schedule does not consider any constraints or restrictions. Work times will be adjusted as necessary to accommodate traffic control restrictions.

4. Potential Impacts: *(A discussion of any potential issues that may impact the schedule)*

There is a potential for soft soils in the area of the fill around Stations 5+00 and 27+00. If encountered, a quick decision from your field personnel will help maintain the schedule.