

Baseline #1 CPM Schedule Submittal Narrative

A. OVERALL PROJECT PLAN

Upon award of the contract, work will begin on the various shop drawings and submittals required for the project. Once the CPM schedule is approved, field work begins on both the temporary crossovers and watermain installation. When the temporary crossover work is complete the traffic will be switched, and the bridge work will begin on B01-1, B02-1 and B02-2, with the B02 bridges not starting until the demolition work is complete at B01-1. As soon as B01-1 is complete, traffic will be switched to the final stage for reconstruction of B01-2.

B. SCHEDULE COMPLETION – AND CONTRACT COMPLETION

	Contractual Dates	Baseline Dates
Start Work	Start No Earlier Than 3/1/16	3/18/16
Start Field Work	4/15/16	6/3/16
Interim Project Completion	10/31/16	10/10/16
Project Completion	10/31/16	10/19/16

C. RESOURCE REQUIREMENTS

The resources committed to this project will slowly ramp up starting with one crew working on the watermain installation as well as one crew work on construction of the temporary crossovers. Once the traffic is switched, two full bridge crews will be mobilized to work on B01-1, B02-1 and B02-2. Crews will be demobilized upon completion of the various areas of work.

D. PLANNED WORK SCHEDULE- for all crews

As currently scheduled, all work is based on a standard five (5) day work week (four ten-hour days and one eight-hour day), with Saturdays being used as makeup days to account for the required number of adverse weather days. The holidays periods as defined in the Maintaining Traffic SP have also been included (5/28/16 – 5/30/16, 7/2/16 - 7/4/16, 9/3/16 – 9/5/16). No work is currently scheduled during the overnight hours or outside of the normal construction season.

E. UNRESOVLED OR ANTICIPATED PROBLEMS

We are not aware of any unresolved issues that are causing a schedule delay as of this baseline submittal.

F. CRITICAL PATH DESCRIPTION

The critical path for this project starts with submission, review and approval of the baseline schedule. Once the schedule is approved, work will begin on the temporary crossovers required for the traffic switch. As soon as the crossovers are complete, traffic is scheduled to be switched, and the critical path then moves to the bridge work required at B01-1 with an estimated start of June 17, 2016 and running until the deck work is complete and traffic is switched on August 29, 2016. Once traffic is switched, work on the B01-2 bridge is completed and Open to Traffic on October 11, 2016. However, the longest path continues

through the required 28-day cure and concrete surface coating work which is scheduled to be complete on October 20, 2016.

G. CONSTRAINTS

We have used two constraints in this baseline schedule as required by the contract:

- Activity A1010 – Interim Project Completion – Open to Traffic – 10/31/16
- Project Level – Must Finish By – 11/1/16

H. PERMITS AND UTILITY COORDINATION

We are not aware of any outstanding permit impact.

I. SCHEDULE LAGS

There are no lag relationships utilized in this baseline schedule.

J. PROPOSED EXCEPTIONS TO THE SPECIFICATIONS

We have no proposed exceptions to the CPM special provision.

K. SCHEDULE ASSUMPTIONS

The schedule assumes an average 48-hour work week, with Saturdays and Sundays (as needed) being used to make up the required number of adverse weather days. No contingency has been added to this baseline schedule as any inefficiencies between the work as planned and the work as performed can be mitigated through additional working hours or crews as needed. The production rates utilized will be provided if requested by the Engineer.