

## EFFECTIVE TIME AND RESOURCE MANAGEMENT

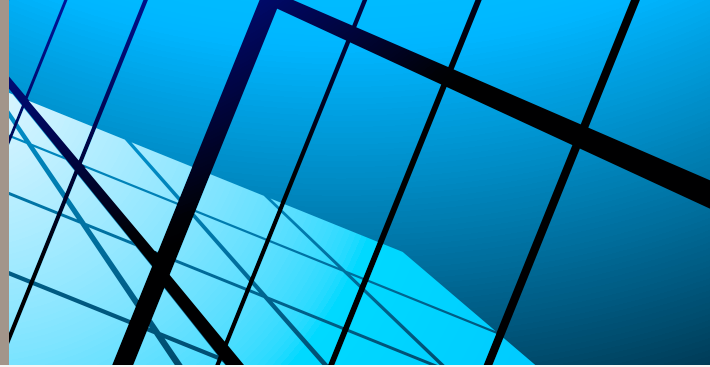
In today's ever-changing and increasingly complex construction environment, delay costs and claims are more than ever a significant threat to overall project success. MBP believes that a collaborative approach to planning and scheduling goes a long way to reducing and effectively managing risks associated with delays.



In addition to being a project management tool for managing the flow of work and resources, one incentive to using CPM schedules and updates is the rising cost of dispute resolution and claims. Many disputes during construction could have been avoided if the team took the time to check and update the schedule regularly and to have an independent scheduling analysis performed by a consultant on the project.

“MBP's best quality is the company's integrity.”

Beery Rio, Architecture & Interiors  
Hoffman Boston Elementary School - Arlington, Virginia



## OFFICE LOCATIONS

### GEORGIA

**Atlanta**  
866-716-6301

### MARYLAND

**Columbia**  
800-579-3903

### NEW YORK

**New York City**  
646-839-4550

### NORTH CAROLINA

**Raleigh**  
866-845-8599

### PENNSYLVANIA

**Berwyn**  
610-727-4154

### VIRGINIA

**Corporate Headquarters**  
**Fairfax**  
800-898-9088

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757-382-0109

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800-898-9088

**Richmond**  
804-330-4875

**Roanoke**  
800-550-6710

**Williamsburg**  
888-372-0063

**MBP** McDONOUGH  
BOLYARD  
PECK



## PLANNING & SCHEDULING MANAGEMENT SERVICES

People don't plan to fail...

...they just fail to plan.

[www.mbpce.com](http://www.mbpce.com)

McDonough Bolyard Peck, Inc. (MBP) is a multi-disciplined construction consulting firm experienced in assisting clients in managing the construction process from initial budget, through design and construction, to successful project closeout. Established in 1989, MBP is recognized by Engineering News-Record as a national Top 100 construction management firm and Top 40 program management firm.

## SCHEDULE MANAGEMENT SERVICES

Planning and scheduling support from concept to completion.

	Owners/Dev	Designers	Contractors
Master Project Plan	✓	✓	✓
Initial Planning	✓	✓	✓
Phasing and Sequence Planning	✓	✓	✓
Program and Enterprise Scheduling	✓	✓	✓
Detailed Design Schedules	✓	✓	
Bid Package Management Schedules	✓	✓	
Contract Time Determination	✓	✓	
Baseline Schedules	✓	✓	✓
Detailed Construction Schedules	✓		✓
Occupancy Schedules	✓		✓
Cost and Resource Loaded Schedules	✓	✓	✓
Periodic Schedule Updates	✓	✓	✓
Recovery and Acceleration Schedules	✓	✓	✓
Time Extension Requests and Analysis	✓	✓	✓
Time Impact Analysis	✓	✓	✓
As-Built Schedule Analysis	✓	✓	✓
Forensic Schedule Analysis	✓	✓	✓
Litigation Support Services	✓	✓	✓
BIM & 4D Scheduling	✓	✓	✓

## MARKET SECTORS

- Airport
- Federal
- Commercial
- Healthcare
- Heavy Industrial
- Higher Education
- Municipal
- Judicial
- K-12 Education
- Mass Transit
- Multi-Family Residences
- Roads/Bridges
- Water/Wastewater
- Transportation

## APPROACH

We provide our clients with realistic and comprehensive project planning and scheduling through detailed Critical Path Method (CPM) schedules. MBP's main goal in planning and scheduling is to provide our clients with the tools necessary to enhance the timeliness of the project. This also provides viable options to manage delays, minimize costs, and expedite project completion. The MBP Team is capable of preparing CPM schedules in various levels of detail for all types of projects and delivery methods using various software products to achieve the format required.



## CLIENT SATISFACTION

Our experience has demonstrated that a well developed plan and a schedule that is monitored and updated frequently during a project can greatly increase the probability of the project completing on-time. In addition, we have found that this service improves communications, project control, and minimizes delays.

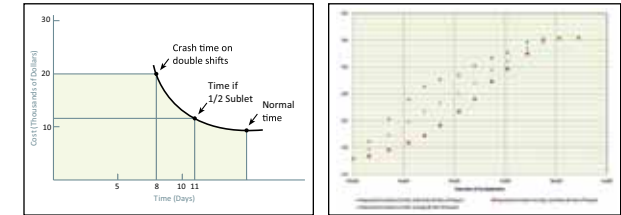
“ MBP was able to compile their approach and technical analysis into a professional, well-organized tool. ”

Steve Arendale, US Army Corps of Engineers Mobile District

## ANTICIPATING AND MITIGATING POTENTIAL PROBLEMS

Completing a project on time means more than wishful planning and establishing a time contingency to be used when the work runs late. It takes systematic planning and scheduling with flexibility to adjust the plan and communicate the issues when the unexpected occurs.

## PERFORMANCE MEASUREMENT



Resource management

Revenue projections

Projects are complex endeavors and require a realistic plan to establish the objectives, sequence, and timeframes to obtain the overall goals. Logic, constraints, resources, crew rotations, manpower, equipment, and long lead items need to be considered in the process to provide viable plans and realistic schedules. We offer analysis of practical options and various forms of performance measurement such as the manpower and cash flow curve shown above. The plan and schedule must be complete and include all external influences including all other commitments and operational constraints.

## REAL WORLD SKILLS

Our team members have valuable project experience and have been trained in CPM scheduling methods and a variety of CPM scheduling software products. Above all else, MBP understands the importance of on-time performance and a quality product.