



# CRITICAL PATH METHOD MASTERY - *Beyond the Basics*

Wednesday, August 28, 2019

Sign in 7:15 AM Program: 7:30 - 11:45 AM

Caltrans District 7, 100 S. Main St., Los Angeles, CA 90012

## AGENDA

### Mastering CPM

#### A. Using the Critical Path Method in Program, Construction, & Project Management – Beyond the Basics. What is CPM & how do we use it?

##### 1. The Critical Path Method, Then & Now.

- a. The Olden Times...
- b. Software.

##### 2. The Specification – What do we need and why do we need it.

- a. What does the Project need?
- b. Level of Detail
- c. Milestones
- d. Scheduler Knowledge
- e. Software Knowledge
- f. Project Understanding
- g. Reporting Requirements
- h. Acceptance

##### 3. What, exactly, is the Schedule?

##### 4. The Activity – What is an activity and why is the definition important?

##### 5. Logical Relationships

- a. What are the rules and how do we enforce them
- b. Why do we want to enforce them?

##### 6. Submittals, Reviews, & Procurements – What should be in the schedule and why.

##### 7. Calendars

##### 8. Resources

##### 9. Project Float

##### 10. Monthly Status and Monthly Updates, how are they different and what do they do for us?

##### 11. Schedule Impacts – Handling Chaos

##### 12. The Recovery Schedule – Issues and Resolution

##### 13. TIAs – How to produce them and understand them.

##### 14. Concurrency

##### 15. Schedule Analysis -What we look for and why.

- a. The Baseline
- b. Monthly Status and Updates

**PRESENTER: Chandrani Halvadar** is a construction professional with experience in schedule management and delay analysis on large complex projects in infrastructure, water/wastewater and facilities. She has worked directly with owners and contractors on multimillion-dollar projects for major public works agencies and has analyzed and prepared several schedule and delay claims. She is proficient in preparing and reviewing baseline schedules, monthly schedule updates and time impact analyses. As an Owner's *CPM Specialist*, she has conducted independent analysis for determining contractor's entitlement for time extension, prepared Owner's time extension offers for the contractor and has negotiated and resolved contractor's time impact analyses. She has authored phasing of work and scheduling specifications for inclusion in bid documents, and prepared and presented the client's position for dispute resolution. Chandrani also has extensive experience working as a Contractor's *Construction Scheduler*, preparing contractor's requests for compensable time extension at project completion on multi-phased projects.



REGISTRATION FORM
Bring your Team!

TEAM LIST

Wednesday, August 28, 2019

Sign in: 7:15 AM Program: 7:30 - 11:45 AM

CRITICAL PATH METHOD (CPM) MASTERY

At Caltrans District 7

100 S. Main Street, Los Angeles, CA 90012

- WCCC Member Single \$99
WCCC Member TEAM (3+) \$89
NON - Member Single \$125
NON - Member TEAM (3+) \$115

Limited Seating - REGISTER NOW!

Deadline Extended to 8/22/19

or when seats filled - whichever comes first.

- E-MAIL: vann@wccc.org (you may call in CC#)
PHONE: (916) 599-8020
MAIL: Call or E-mail Reg. Form THEN
Mail copy/team list/check postmarked by 8/16/19
TO: Western Council of Construction Consumers
1731 Howe Ave. #613, Sacramento, CA 95825

TEAMS: Complete Team List with all info for each registrant.

Name \_\_\_\_\_ Phone: \_\_\_\_\_
Firm/ Agency: \_\_\_\_\_
Title: \_\_\_\_\_
E-mail: \_\_\_\_\_

Name \_\_\_\_\_ Phone: \_\_\_\_\_
Firm/ Agency: \_\_\_\_\_
Title: \_\_\_\_\_
E-mail: \_\_\_\_\_

Name \_\_\_\_\_ Phone: \_\_\_\_\_
Firm/ Agency: \_\_\_\_\_
Title: \_\_\_\_\_
E-mail: \_\_\_\_\_

Name \_\_\_\_\_ Phone: \_\_\_\_\_
Firm/ Agency: \_\_\_\_\_
Title: \_\_\_\_\_
E-mail: \_\_\_\_\_

Name \_\_\_\_\_ Phone: \_\_\_\_\_
Firm/ Agency: \_\_\_\_\_
Title: \_\_\_\_\_
E-mail: \_\_\_\_\_

Name \_\_\_\_\_ Phone: \_\_\_\_\_
Firm/ Agency: \_\_\_\_\_
Title: \_\_\_\_\_
E-mail: \_\_\_\_\_

REGISTRANT OR TEAM CONTACT:

No-shows & cancellations after 8/16/19 are subject to full fee. You may send Substitutes.

Name \_\_\_\_\_ Title: \_\_\_\_\_ Cell: \_\_\_\_\_
Firm/ Agency: \_\_\_\_\_ E-mail: \_\_\_\_\_ Wk. Ph: \_\_\_\_\_
Address: \_\_\_\_\_ City/ST/ZIP: \_\_\_\_\_

Name on credit card: \_\_\_\_\_ Card #: \_\_\_\_\_ Exp: \_\_\_\_\_ Sec. Code: \_\_\_\_\_

Billing Address: \_\_\_\_\_ # of Registrants: \_\_\_\_\_ X Fee \$ \_\_\_\_\_ = \$ \_\_\_\_\_ TOTAL DUE: \_\_\_\_\_

PAYMENT METHOD: VISA MC Discover AMEX Check (Check # \_\_\_\_\_)

Signature: \_\_\_\_\_ (Rev 6/17) (Only credit card payment accepted after 8/16/19)