



CRITICAL PATH METHOD MASTERY - *Beyond the Basics*

Tuesday, June 4, 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!

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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 5/22/19, 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 5/22/19
TO: Western Council of Construction Consumers
1731 Howe Ave. #613, Sacramento, CA 95825

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

TEAM LIST

Name _____ Phone: _____

Firm/ Agency: _____

Title: _____

E-mail: _____

Name _____ Phone: _____

Firm/ Agency: _____

Title: _____

E-mail: _____

Name _____ Phone: _____

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Name _____ Phone: _____

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Title: _____

E-mail: _____

Name _____ Phone: _____

Firm/ Agency: _____

Title: _____

E-mail: _____

REGISTRANT OR [] TEAM CONTACT:

No-shows & cancellations after 5/22/19 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 4/22) (Only credit card payment accepted after 1/2/19)