



MASOUD MICHAEL RAHGOZAR, *CVS-LIFE, M.ASCE, PSP*
Life Certified Value Engineer

Mr. Rahgozar has 42 years of experience in construction management on large infrastructure Projects and Programs for transportation, transit and facilities projects, with significant experience in Project Controls, Scheduling, cost & schedule control, change order management, claim analysis, arbitration support and Value Engineering (VE) in all-Types of projects. He has extensive experience in leading VE studies on transportation, infrastructures and other types of public sector projects.

Mr. Rahgozar has been involved with large projects in preparation of cost and schedule control efforts, including schedule development and analyses, contract time determinations, construction phasing, cash flow projections, and cost & resource loading. He also preformed Risk Analysis workshop and performs the Monte Carlo analysis for a complete Risk Analysis report. Mr. Rahgozar includes Risk Identification and prepares a Risk Register as part of all his VE projects as he believes Risk & VE analysis complement each other and risk identification and their Actions complements the VE Analysis outcome and recommendations. He has served as an advisor for Constructability reviews, claims analysis and contract negotiations. He is a Life Certified Value Engineer and performs Value Engineering Workshops nationally.

EDUCATION

M.S., Civil Engineering/Construction Management, Northeastern U. 1985

B.S., Civil Engineering, Northeastern University, 1980

PROFESSIONAL REGISTRATIONS

Registered *Life Certified Value Specialist*,
(CVS #20020303)

Planning & Scheduling Professional (PSP)
Certification #1254, AACE International

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
(M.ASCE), Member

Society of American Value Engineers
(CVS-Life)

AACE International, Emeritus
Planning & Scheduling Professional

President, *Northeast Chapter of SAVE International*

Ed T. Connell Award for Editor of the Year,
1998-1999

Received 2007 AASHTO National VE Award
in Improved Process Category on a Caltrans project

YEARS OF EXPERIENCE: 42

Federal & State Agencies he has performed Construction Management & VE Analysis services for:

- MBTA, MassDOT, DCAMM
- RIDOT, Caltrans, Florida DOT, Michigan DOT,
- USACE
- District of Columbia DOT & GSA

Representative Experiences

Keville Enterprises Inc., Boston, MA – December 2009 – February 2023

Retired on February 21, 2023, after 40-Years in the industry.

Senior Program Manager & Value Engineering Services Manager

Mr. Rahgozar managed the Boston Project Controls Department of Keville Enterprises with a staff of 9-employees. He regularly managed many projects for various State and other public agencies, such as DCAMM, MBTA, MassDOT, Boston PFD. His team was involved with these large-scale projects for preparation of cost and schedule control efforts, including schedule development and analyses, contract time determinations, construction phasing, cash flow projections, and cost & resource loading., Risk Analysis and Value Engineering. Please see the partial project list for various clients he has served during his tenure at Keville Enterprises.

URS Corporation, Boston, MA - April 2005 – November 2009

As Senior Project Controls Manager, oversaw the URS Boston office Project Controls Department of 4-Schedulers and 2-Estimators. Mr. Rahgozar as the sole URS Certified VE employee in the region, procured several VE Services contracts with Caltrans (CA DOT), MassDOT & other state agencies.

MassDOT Projects: *(Partial List)*

- *Performed VE-Analysis on “Mega-Bridges” projects:*
 1. Fore River Bridge, \$271M
 2. Burns Memorial Bridge, \$91M
 3. Whittier Bridge, \$254M
 4. I95/I93 Interchange, Canton \$194M
 5. I-91 Viaduct Deck Replacement, Springfield, \$210M
 6. I-93 Medford Corridor Bridges, FAST-14, \$75M
 7. Woods Memorial Bridge, Medford, \$80M
 8. North Washington Bridge Reconstruction, Boston, \$150M
- *Provided Planning & Risk Analysis on over 20-other Bridge projects, valued less than \$50M*

Other Agencies: *(Partial List)*

- DC DOT, I-295/Malcolm X Ave. Interchange, Washington DC, \$121M
- US Dept. of Veterans Affairs, Canandaigua VA Hospital Renovation, Canandaigua, NY, \$264M
- Vermont DOT, East Montpelier Bridge \$68 on VT-14, \$62M
- Water Pollution Control Plant Upgrade, Oneida County, Albany NY, \$285M
- MWRA, Chelsea Creek Headworks, \$68M

DCAMM Projects:

- **Mass State House Renovation Projects:**
 1. **Senate Chamber Historical Restoration**
 2. Electrical, Energy & Mechanical Upgrades
 3. Elevator Replacement
 4. Gardner Auditorium Renovation
- New Chelsea Soldiers Home Community Living Project, \$195M
- *Many additional facility projects with DCAMM during my 20+ years as their, CM Consultant.*

City of Boston Public Facilities Department

- *Revised PFD 3-Scheduling specifications for various project sizes & held a training for all PFD-Project Managers on how to read their project schedules in PDF.*
- 28 Court Street Office Building Total Rehabilitation, \$130M.
- Curley Recreational Center, South Boston, \$30M. Several other Projects assisted the PM during construction.

PMA Consultants, LLC, Boston, MA - September 1991 - March 2005

Mass. Turnpike Authority’s Central Artery/Tunnel Project (CA/T)
(9/1991 – 3/1995) – As a Trend/Cost Control Engineer on the \$15 billion CA/T Project. Developed Cost Control Modular in CA/T Oracle database. Compiled and summarized estimates for preparation of Annual Project Estimate (APE) budget. Evaluated and updated the budget monthly by proactive gathering and assign the cost impact of all issues on the project that affected the budget. Prepared and issued a monthly “*Cost-Variance Report*” that contained the updated budget and forecast. Completed the development and implementation of the “*Project wide Cost Control*” program. I was also responsible for assembling and issuing a “*Cost-Containment-Issues*” list, a summary narrative, and cost estimate of impending issues which could affected the project total budget. Prepared quarterly cost-information reports for the four-member “*Bechtel/Parsons Brinkerhoff*” (B/PB) Board of Control, which provided executive quarterly oversight of the B/PB joint venture. Developed project procedures and standards for project wide utilization.

Also, was part of the PMA claim analysis team, working on numerous major claims ranging from \$10-30 million for such clients as Mass. Port Authority, Mass. Turnpike Authority and other public owners

Also served as assistant Team Leader on PMA’s nationwide value studies team and participated in more than ten VE studies including Ventilation Building #8 of the Central Artery

Macondo Development Corporation, Dracut, MA – September 1990 – April 1991

Assistant Project Manager/Superintendent

Held dual responsible as an assistant project manager and job superintendent for this real estate development firm. Managed 1,650,000 SF of a new condominium construction in Boston, MA. I was responsible for reviewing and approving subcontractor bids, preparing final bid packages, preparing estimates and CPM schedules, and serving as liaison between the developer and architect. I also coordinated work of subcontractors and field personnel, assisted with purchasing and monitored job cost and quality control.

Custom Construction Inc, Malden, MA – August 1981 – August 1990

Project Manager/Superintendent

With Custom Construction Company, initiated and supervised all phases of construction and related activities for various residential and commercial properties. Responsible for all aspect of projects from bidding through job completion, including negotiation of subcontractor bids.

Duties included estimating and scheduling, subcontractor hiring and supervision, processing of shop drawings and change orders, budgeting, purchasing, expense monitoring, and requisitions. Monitored progress on projects ensure timely completion; manage site supervisors and serve as troubleshooter on construction problems.

Blount Brothers Corp., East Fishkill, NY – December 1980 – June 1981

Prepared CPM. schedules with monthly update. As an office engineer, processed show drawings & submittals, prepared monthly reports for IBM.

RAIL EXPERIENCE:

Amtrak:

- I have been involved with several Projects during planning & construction & five major projects during their VE analysis, that included Amtrak RR crossing, which enabled me to learn Amtrak hard-Constraints & Restrictions in regards to planning & construction of projects with Amtrak RR crossing. Especially in NE Corridor with the electrification of the corridor, projects needed special considerations during their planning & construction.

MBTA: *(partial list)*

- South Coast Rail Phase I Program \$960M
- Silver Line Courthouse Station
- Symphony Station Rehabilitation
- Fenway Portal Flood Mitigation Project
- Harvard, Central, Quincy Adams, Alewife Elevators
- Ruggles Station Upgrades
- Winchester Center Station
- Wellington Station
- Community College Station
- North Station Rehabilitation
- State Street Station Rehabilitation
- Aquarium Station Rehabilitation
- Chinatown Station
- Downtown Crossing Station
- South Shore Garages Repairs
- Green Line Signal Replacement
- North Station Signals
- Merrimack River Bridge, Contract
- Robert Street Needham Bridge
- BU Stations A & B
- Data & Fire Command Center

Texas & Colorado Projects: *(partial list)*

- **Texas DOT Consultant for several large projects:**
US 181 Harbor Bridge Replacement, DB contract, Corpus Christi, TX \$989B.
SH288 Toll Lanes, \$830Million
SH99 Grand Parkway, \$895Million

The Barletta Co., Inc., Roslindale, MA – June 1980 – November 1980

As a field engineer, assisted the superintendent directly, worked on the new City of Leominster Wastewater Treatment plant. Was responsible for site layout, processing shop drawings, and collecting payroll data. (Co-op).

DOT's Value Engineering Projects:

RIDOT, Reconstruction of the Pell Bridge Approaches, Newport & Middletown, RI – Recommended Savings of \$16.5M

The purpose of the project was to reconstruct the Pell Bridge approach ramps to improve traffic circulation, reduce queuing, improve safety, reconnect the neighborhoods segmented by the current highway infrastructure, and support the City of Newport's economic development plan by maximizing land area for development.

RIDOT, Henderson Bridge Reconstruction, Providence & East Providence, RI – Recommended Savings of \$2.8M

The proposed project included the demolition of the George Henderson Memorial Bridge and Expressway Interchange and the construction of a new bridge with at-grade intersections in Providence and East Providence. The Henderson Bridge is a six-lane bridge that spans the Seekonk River between East Providence and Providence. The Henderson Bridge and Expressway were constructed in 1969 and were part of a planned freeway that was never fully constructed. The incomplete freeway interchange in East Providence is under-utilized and takes up potentially developable land.

MassDOT, I-195 over Route 18 & Associated Ramps, New Bedford, MA – Recommended Savings of \$29.4M

This project included superstructure replacement and rehabilitation of a 15span elevated section of interstate route 195, as well as the similarly elevated sections various ramps. In addition, due to a widening of the westbound section of I-195, various ramps were to be significantly realigned.