



**George Hunter, CVS, PE, PMP**  
**Vice President**

**Qualifications**

George Hunter is a Certified Value Specialist (CVS) and a registered professional civil engineer. He is an experienced VE team leader (VETL), trainer, and the former Value Analysis (VA) Program Manager for the California Department of Transportation (Caltrans). He has conducted multiple training courses and advised foreign government agencies on value management program development. In addition to his value management experience, he has extensive experience in the design, construction, and management of transportation projects.

Mr. Hunter's 23 years of experience in design and construction includes 9 years of transportation sector value management as well as service on the AASHTO Value Engineering Technical Committee. Since receiving his Bachelor of Science in civil engineering, he has performed as a project manager, VE program manager, VE team leader (VETL), and trainer. He has led more than 100 studies of diverse construction projects throughout the United States, Latin America, Western Europe, and Asia.

As a certified Project Management Professional (PMP), Mr. Hunter focuses on applying VE as a project management tool to improve and balance project scope, schedule, budget, and quality. To this end, he has developed a project performance measurement tool, and his work integrates risk management and value management.

**Education**

California State University, Bachelor of Science, Civil Engineering, 1984  
SAVE-approved Module I Value Engineering Training Workshop, 1996  
SAVE Module II Value Engineering Training Workshop, 1999  
Project Management---Project Management Institute Training Course

**Registration**

Certified Value Specialist No. 20050801  
Professional Engineer: California No. C-44538; Texas No. 97112; and  
Florida No. 64953  
Project Management Professional (PMP) No. 305856

**Professional  
Affiliations**

SAVE International:  
♦ Certified Value Specialist (CVS), SAVE International, Certification No.:  
201006512  
♦ Director of Global Affairs – Brazil  
♦ Liaison with the Korea Institute of Construction Engineering and  
Management (KICEM) Value Engineering Committee  
  
Hong Kong Institute of Value Management  
Project Management Institute  
Fellow of KICEM

## **Employment Record**

Value Management Strategies, Inc. (2008 to present), Sr. Value Engineer  
Lewis & Zimmerman Associates, Inc. (2005 to 2008), Vice President  
Global Management Services, Owner, Value Management / Project Management Services, 2005  
California Department of Transportation, Value Analysis Program Manager, 1995–2004  
Sverdrup Corporation, Senior Transportation Engineer, 1994  
California Department of Transportation, Project Manager and Office Engineer, 1988–1993  
Greiner-URS, Transportation Engineer, 1985–1988  
Davy McKee, Construction Engineer, 1984–1985

## **Publications**

- ♦ “Supplanting Low Investments In Planning & Engineering: The Corredor Nordeste Case Study of Brazil,” SAVE International InterActions, November 2005
- ♦ “Why Should Korea Apply Value Analysis to Its Public Works Sector,” Korean Institute of Construction and Engineering Management, August 2005
- ♦ “Case Studies in Transportation, Extending Your VM Business in China,” Seminar Conference Proceedings, June 2005
- ♦ “Korean Value Management Experience with Highway Construction: The Seoul Toll Plaza Value Engineering Case Study,” co-authored with Dr. Jong-Kwon Lim, Dr. Min-Jae Lee, and Mr. Sung-il Kim, HKIVM 2005 Why Reinvent the Wheel Conference Proceedings, June 2005
- ♦ “Using Value Analysis as a Project Management Tool on Infrastructure Projects,” International Conference on Value Engineering and Technology Innovation, Hangzhou, China Conference Proceedings, October 2004
- ♦ “Value Engineering in U.S. and Its Application to San Francisco-Oakland Bay Bridge,” Kenetsu Opinion (Japanese Technical Journal dedicated to Public Works), August 2004
- ♦ “Lessons Learned from the Caltrans Value Engineering Experience in the Highway Sector,” 10th World Conference (Transport Research Society), July 2004
- ♦ “Lessons Learned from the U.S. on the Application of Public Works VE Experience and Development to Japanese Public Works,” Proceedings for the 36th Society of Japanese Value Engineers Conference, November 2003
- ♦ “Measuring Project Value: An Objective Way to Develop a Project Scope, Budget and Schedule,” Second Gulf Conference on Roads, Abu Dhabi, United Arab Emirates, September 2003
- ♦ “Analysis of Project Scope Performance Measurements within the California Department of Transportation,” AASHTO Value Engineering Conference Proceedings, July 2003
- ♦ “Value Engineering Program Performance Measurements,” AASHTO Value Engineering Conference Proceedings, July 2003
- ♦ “Moving Beyond the Cost Savings Paradigm – The Evaluation and Measurement of Project Scope Performance,” 82nd Annual TRB Meeting Conference Proceedings, January 2003
- ♦ “How to be an Effective Value Manager in a Government Agency,” Certified Value Specialist Paper Submittal to SAVE International 2000
- ♦ “Value Analysis in the California Department of Transportation,” SAVE International Value World Quarterly Publication, Summer 1999
- ♦ “How to Improve and Revitalize Your State DOT VA Program,” AASHTO Value Engineering Conference Proceedings, July 1999

**Representative  
Experience**

- ◆ “California Toll Bridge Seismic Retrofit Value Analysis Studies -- An Exercise in the Implementation of VA Studies,” AASHTO Value Engineering Conference Proceedings, September 1997

George has performed as a Facilitator for organizations such as:

- ◆ California Department of Transportation
- ◆ Ministry of Transportation Ontario
- ◆ Connecticut Department of Transportation
- ◆ New York State Department of Transportation
- ◆ Georgia Department of Transportation
- ◆ Ohio Department of Transportation
- ◆ Maryland State Highway Administration
- ◆ US Army Corps of Engineers, Various Districts

# Value Analysis/Value Engineering Project Studies

## HIGHWAY AND TRANSIT PROJECTS

### **California Department of Transportation**

- ◆ Cayuga Bridge Replacement Project
- ◆ San Francisco Oakland Bay Bridge (SFOBB) Replacement Mega-Project, Main Span and YBI Transition Structures
- ◆ SFOBB Replacement Project, FOBB East Spans Replacement Project
- ◆ Hopland Bypass Project, Mendocino County
- ◆ SR 20 Colusa Highway Improvement Project
- ◆ Harbor Boulevard at US 50 Interchange Improvement Project
- ◆ Lincoln Bypass Highway Project, Placer County
- ◆ SR 92/I-880 Interchange Modification Project
- ◆ I-280/I-380 Interchange Modification Project
- ◆ Central Viaduct Freeway Replacement Project, San Francisco
- ◆ SR 90 Railroad Separation Project
- ◆ US 101 Auxiliary Lane Project, San Mateo County
- ◆ SR 14 HOV Project
- ◆ US 101 HOV Project, Sonoma County
- ◆ SR 29 Grade Separation Project, Napa County
- ◆ SR 4 Gap Closure Project, Contra Costa County
- ◆ US 101 Auxiliary Lanes (SR 85 to Embarcadero Road), Santa Clara County
- ◆ Cartmill Avenue/SR 99 Interchange Modification, Tulare County
- ◆ Downtown Riverfront Reconnection, Sacramento
- ◆ Hosking Avenue/SR 99 Interchange, Kern County
- ◆ Streeter Avenue and Union Pacific Railroad (UPRR) Grade Separation
- ◆ I-10 HOV Lane from Ontario to Redlands
- ◆ Auburn-Foresthill Bridge Seismic Retrofit, Placer County
- ◆ Hunts Lane and UPRR Grade Separation, San Bernardino County
- ◆ SR 178 and Morning Drive Interchange, Kern County
- ◆ I-15 Corridor Improvement Project from the I-15/I-215 separation (Riverside County) to I-15/SR 60 Interchange (San Bernardino County)
- ◆ I-215/Mt. Vernon Avenue - Washington Street Interchange Reconstruction, San Bernardino County
- ◆ Highway 1/Calera Parkway, San Mateo County
- ◆ SR 4 Crosstown Freeway Ramp Extension
- ◆ Port of Los Angeles C Street/I-110 Access Ramp Improvements
- ◆ Port of Los Angeles John S. Gibson Boulevard/I-110 Freeway Access Ramp Improvements and SR 47/I-110 Northbound Connector Widening
- ◆ Port of Los Angeles South Wilmington Grade Separation
- ◆ Avenue 416 Kings River Bridge Replacement

### **Connecticut Dept. of Transportation**

- ◆ New Britain-Hartford Busway Project
- ◆ I-95 Auxiliary Lanes and Route 1 Improvements



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| <b>Michigan Department of Transportation</b>       | <ul style="list-style-type: none"> <li>◆ US-10 Roadway Rehabilitation Project</li> </ul>   |
| <b>Ministry of Transportation Ontario</b>          | <ul style="list-style-type: none"> <li>◆ Highway 417</li> <li>◆ Highway 69, South Section</li> <li>◆ Highway 69, North Section</li> <li>◆ Constable Philip Shrive (CPS), CPR Overhead and CNR Overhead Bridge Rehabilitation Project</li> <li>◆ Highway 17/417 Twinning from West of Division Street Westerly to Scheel Drive; and Constable Philip Shrive and CPR Overhead Bridge Rehabilitations</li> <li>◆ Detroit River International Crossing</li> <li>◆ Petawawa River and CPR Overhead Bridge Structural Rehabilitation Project</li> </ul>                            |
| <b>New York State Department of Transportation</b> | <ul style="list-style-type: none"> <li>◆ SR 17 Hale Eddy to Hancock</li> <li>◆ SR 5A Project, Utica</li> <li>◆ Route 9 Bridge Replacement and Safety Upgrade (Bay Street to Route 6)</li> <li>◆ I-86 Conversion in Delaware County (Exit 87 in Hancock to the Delaware County / Sullivan County Line)</li> <li>◆ Southtowns Connector / Buffalo Outer Harbor Project</li> <li>◆ I-490 Western Gateway Contract 4, Rochester</li> <li>◆ Route 9A West Street Promenade (Chamber Street to West Thames Street)</li> <li>◆ New York State Thruway Authority, Buffalo</li> </ul> |
| <b>Georgia Department of Transportation</b>        | <ul style="list-style-type: none"> <li>◆ Median Policy Study</li> <li>◆ SR-96 Widening and Reconstruction Project (SR 96 from I-75 to SR 247)</li> <li>◆ SR 92 Realignment in Douglas and Paulding Counties between Durelee Lane to Nebo Road</li> <li>◆ SR 105/US 441 Widening Project</li> <li>◆ SR 306 Widening Project</li> <li>◆ SR 20/I-575 Interchange</li> <li>◆ McRae Bypass Project</li> <li>◆ Windsor Spring Road Widening</li> <li>◆ US 1/SR 4 Widening and Oak Park Bypass</li> </ul>   |
| <b>Ohio Department of Transportation</b>           | <ul style="list-style-type: none"> <li>◆ Austin Pike Interchange</li> <li>◆ New I-77 Interchange at CR 80/Tuscarawas County</li> <li>◆ I-75 Improvement Project (Highway Widening and Rehabilitation), Warren County</li> <li>◆ I-90 Roadway and Bridges Rehabilitation, Ashtabula County</li> </ul>   |
| <b>Maryland State Highway Administration</b>       | <ul style="list-style-type: none"> <li>◆ Highway Widening Project, Gaithersburg</li> <li>◆ Intercounty Connector Project between the I-270 and I-95/US 1 Corridors Montgomery and Prince George's Counties</li> </ul>  |
| <b>Various Clients &amp; Projects</b>              | <ul style="list-style-type: none"> <li>◆ Toll Plaza Upgrade, Seoul, Korean Highway Corporation (KHC), Seoul, Korea</li> <li>◆ TH 212 from CSAH 34 in Norwood Young America to CSAH 11 in Carver, Minnesota Department of Transportation</li> <li>◆ Tanque Verde Highway Project, Tucson, Arizona, Pima County</li> </ul>   |

- Department of Transportation
- ◆ Exton Train Station (R5) Parking Lot Expansion, Southeastern Pennsylvania Transportation Authority
- ◆ New Bus Operations and Maintenance Facilities, Greater Richmond Transit Company
- ◆ Central Subway Project, San Francisco Municipal Transportation Agency
- ◆ Wickford Junction Train Station, Rhode Island Department of Transportation
- ◆ Central Galt Interchange, City of Galt Department of Public Works
- ◆ Corredor Nordeste – BR 101, Ministérios dos Transportes e do Planejamento, Orçamento e Gestão, Brazil
- ◆ BR470/SC Lane Conversion Highway Project, Santa Catarina, Brazil, Associação Catarinense de Engenheiro, ACE/Fundação de Ciência e Tecnologia do Estado de Santa Catarina (FUNCITEC), Secretaria de Estado de Transportes e Obras
- ◆ BR101/SC Lane Addition Project, Santa Catarina, Brazil, Escola Nacional de Administração Pública, ENAP/Ministérios dos Transportes, Planejamento Orçamento e Gestão
- ◆ BR156/AP, New Highway Extension, Northwest Brazil, ENAP/Ministérios dos Transportes, Planejamento Orçamento e Gestão
- ◆ Highway 101/102 Interchange Modifications, Halifax, Nova Scotia Department of Transportation

## MILITARY FACILITIES

### ***U.S. Army Corps of Engineers***

- ◆ New Armed Forces Reserve Center (AFRC) Building and Ancillary Buildings Project, Fort Tyler, Texas
- ◆ AFRC Building and Ancillary Buildings Project, Vancouver, Washington
- ◆ AFRC Building and Ancillary Buildings Project, Arkadelphia, Arkansas
- ◆ FY08 SOF Equipment Maintenance and Supply Complex Project, Fort Campbell, Kentucky
- ◆ Coalition Operations Center, Bagram Air Base, Afghanistan
- ◆ Special Operations Forces (SOF) Battalion Operations Complex, Phase V, Fort Campbell, Kentucky

### ***U.S. Army Corps of Engineers, Fort Worth District***

- ◆ Combined Arms Collective Training Facility, Fort Hood, Texas
- ◆ Urban Assault Course (UAC), Fort Hood, Texas
- ◆ South Parking Structure (SPS) Project, San Antonio Military Medical Center (SAMMC) North Complex
- ◆ Third party Review of 35% Design Package for the 69th ADA Complex, Fort Hood, Texas
- ◆ Training Support Center, Fort Sam Houston, Texas

### ***U.S. Army Corps of Engineers, Seattle District***

- ◆ Special Operations Forces Aviation Battalion Complex, Fort Lewis, Washington
- ◆ Whole Barracks Renewal, Phase V, Fort Lewis, Washington

### ***Naval Facilities Engineering Command, Mid-Atlantic Division***

- ◆ FY11, P-383, Norfolk Naval Shipyard Controlled Industrial Facility, Portsmouth, Virginia



## **WATER/WASTEWATER**

- Water**
- ◆ Little Duck Creek Flood Control Project, Phase 4C, Cincinnati area, Ohio, U.S. Army Corps of Engineers, Louisville District
  - ◆ El Rio Pipeline, Phase V of the El Rio Sewer Collection System, Ventura County, California.

- Wastewater**
- ◆ DRO-2 Tunnel and Outfall Project, Detroit Water and Sewerage Department
  - ◆ UV Disinfection Facility, City of Palo Alto, California Department of Public Works
  - ◆ Southerly Wastewater Treatment Plant (SWWTP), City of Columbus, Ohio Department of Public Utilities, Division of Sewerage and Drainage (DOSD)
  - ◆ DOSD SWWTP Sludge Thickening Improvements and Additional Renovations
  - ◆ DOSD SWWTP Primary and Aeration Tanks Improvements

## **OTHER PROJECTS**

- U.S. Army Corps of Engineers**
- ◆ Mississippi River Gulf Outlet Ecological Restoration Plan, New Orleans District
  - ◆ 2009-2015 Port of Anchorage Transitional and Maintenance Dredging, Alaska District

## **OTHER DESIGN EXPERIENCE – CIVIL/TRANSPORTATION ENGINEER**

- Mining and Transportation**
- ◆ Cypress Freeway Replacement Project, San Francisco Bay Area
  - ◆ I-80/I-680/SR 12 Interchange Complex, Solano County, California
  - ◆ Improvement of the SFOBB East Spans Replacement Project