



Annual Monterey Bay APWA Training Conference
 Co-sponsored by the City of Watsonville
 Public Works and Utilities Department

**Sustainable Pavement Technologies Workshop
 Preservation, Sustainability, Design and Construction!**

When: from 9 am to 3pm, Wednesday November 13, 2019

Where: Watsonville Civic Plaza, Top (4th) Floor Conference Room
 275 Main Street, Watsonville, CA 95076

Parking in the city garage accessible from Rodriguez Street with walk-in path from top floor

Cost: \$25/APWA Member \$35/Non-Member

The Monterey Bay Chapter of APWA is pleased to again present its Annual Training Conference with proceeds benefitting intern and student scholarships. This year our training will focus on tools for preserving/maintaining/designing/constructing one of the largest investments local agencies typically have, the road network. The training will include the below sessions:

Schedule	Topic Title	Presenter
8:30 - 9:00 AM	Registration and Coffee	
9:00 - 9:15 AM	Welcome and Introductions	Jorge Aguilar, Wallace Group and APWA Board Member
9:15 - 10:10 AM	Session 1: Pavement Preservation Strategies and Micro Milling	Kevin Donnelly, APM, Western Emulsions
10:10 – 11:05 AM	Session 2: Sustainable Pavement Practices “Recycle, Reutilize and Save”	James Emerson, APM, Pavement Recycling Systems
11:05 – 12:00 PM	Sustainable Practices in Pavement Rehabilitation- “Remove and Replace No More!”	Marco A Estrada, Pavement Recycling Systems
12:00 – 1:00 PM	Lunch (provided at site with registration), Vendor Exhibits and Networking	
1:00 – 1:55 PM	Session 4: Sustainable Pavement “A Designer’s Perspective”	Joe Ririe, PE, Pavement Engineering Inc.
1:55 - 2:50 PM	Session 5: Pavement Preservation Best Practices “Inspection & Trouble Shooting”	Matthew Conarro, Western Emulsions
2:50 - 3:00 PM	Closing Remarks and Event Survey	Sarah Huffman, Wallace Group on behalf of APWA Monterey Bay Chapter

Please register at the Chapter website at this link: <http://monterey.apwa.net/>
 Contact Jorge Aguilar at jorgea@wallacegroup.us if you have questions on this training or need an alternate method of registration and for Sponsorship/Exhibitor opportunities contact Sarah Huffman at sarahh@wallacegroup.us.

A special thanks to the following sponsors and providers of Transportation Services and Products:





Annual Monterey Bay APWA Training Conference
Co-sponsored by the City of Watsonville
Public Works and Utilities Department

Your Host Representing APWA Monterey Bay Chapter

Jorge Aguilar, PE

Principal Civil and Transportation Services, Wallace Group

Jorge is a transportation advocate with over 30 years of specialized experience in the planning, design, and construction of roadway, trail and bridge projects. Jorge focused on roadway design while working for Caltrans in San Francisco before entering the private sector and adding bridge and trail design to his experience. Jorge's inclination towards holistic thinking and sustainable solution finding led him to excel in Project Management. Jorge is well versed in interagency coordination and has been in responsible charge for the preparation of feasibility studies, Project Study Reports, Project Reports, Environmental Documents, PS&E packages, and construction support for large and small transportation projects throughout the state.

Session 1 - Pavement Preservation Strategies and Micro Milling

- Network level planning and Pavement Preservations strategies
- Micro-Milling provides better surface treatment cohesion and a ride-ability increase for your preservation tools, that equals longer performance on cost effective preservation treatments.

Kevin Donnelly, APM, Western Emulsions Inc.

Kevin is the Arizona and California Regional Director for Western Emulsions Inc. and brings expert experience working 28+ years on both private and public sector technical engineering projects and government contracts. Formerly working for the Santa Barbara County Public Works Department, he was responsible for their Pavement Preservation Program and was integral to the development of fiscal strategy and planning for County roads. With an expertise in network level road system planning and funding, Kevin has brought significant local government experience to the agencies he serves on pavement preservation, recycling, pavement management systems and network planning.

Session 2 - Sustainable Practices in Pavement Rehabilitation- "Recycle, Reutilize and Save"

- Recapitalization of your existing asphalt assets utilizing Cold In-place Recycling (CIR), Cold Central Plant Recycling (CCPR).
- Demonstrated materials and structural benefits with cost savings of up to 50% using existing pavement resources. Highlight data on associated reductions in Green House Gas (GHG) emissions, construction time, and public inconvenience.
- Agency spotlight County of Los Angeles economic and environmental benefits moving to a "Sustainable Approach" saving over 52 million dollars in the last five years.

James Emerson, APM, Pavement Recycling Systems

James is a Technical Marketing Manager for Pavement Recycling Systems with over 30 years of experience in the areas of Reclaimed Asphalt Pavement (RAP) aggregates, asphalt pavement recycling and reclamation, soils stabilization, pavement smoothness, inventory assessments, and



Annual Monterey Bay APWA Training Conference Co-sponsored by the City of Watsonville Public Works and Utilities Department

pavement management. He provides educational and technical support to public agencies, associations, and the private sector in the development of “Sustainable Rehabilitation Pavement Solutions”. James has extensive application knowledge and experience in “green asphalt” technologies including Cold In-place Recycling (CIR), Cold Central Plant Recycling (CCPR), Full Depth Reclamation (FDR), soils stabilization and pavement preservation. James believes “The roads to our future are paved with recycled materials”.

Session 3 - Sustainable Practices in Pavement Rehabilitation- “Remove and Replace No More!”

- Engineering the utilization of your existing Pavement Materials in Pavement Reconstruction through Full-Depth Reclamation (FDR), Soil Stabilization, and Cold Central Plant Recycling (CCPR)
- Demonstrated materials and structural benefits with cost savings of up to 50% using existing pavement resources. Highlight data on associated reductions in construction time and GHG Emissions
- Quality control testing & inspection of Full-Depth Reclamation (FDR) pavement reconstruction

Marco A. Estrada, Pavement Recycling Systems

Marco is the Director of Business Development for Pavement Recycling Systems of California. Marco is a graduate of the University of Texas at Austin, School of Engineering. He is an Industry Co-Chair for the Caltrans Pavement & Materials Partnering Committee (PMPC), as well as of the Green Book Stabilized Base Task Force. Over the last 30 years, he has been involved in both the engineering and construction industries in the implementation of soil stabilization and asphalt recycling engineering strategies.

Session 4 - Sustainable Pavements – “A Designer’s Perspective”

- Project Selection,
- Design Criteria
- Avoiding Construction Problems

Joseph L. Ririe, PE, Pavement Engineering Inc.

Joe is the president of PEI and has 27+ years of wide-ranging experience in engineering and project management and in developing practical, cost-effective and quality pavement solutions for clients throughout California. He has worked on pavement projects for more than 100 public agencies throughout California and specializes in pavement management systems, pavement rehabilitation design and construction administration. Joe has enhanced his pavement expertise by serving as a chairman on the Soil and Rock Sub-committee for the American Society for Testing and Materials (ASTM) and was industry co-chair for Caltrans’ Pavement Preservation Task Group (PPTG).



Annual Monterey Bay APWA Training Conference
Co-sponsored by the City of Watsonville
Public Works and Utilities Department

Session 5 - Pavement Preservation Best Practices “Inspection & Trouble Shooting”

- Pre-construction checklist items.
- Best construction practices during production, including checking spread rates and yields.
- Inspection, sampling and field testing of preservation systems.
- Trouble shooting when something goes wrong.

Matthew Conarroe, Western Emulsions

Matthew Conarroe is the Southern California Marketing Manager for Western Emulsions Inc. He brings 14 years of experience in Public Works inspection and roadway materials testing. As a Senior Public Works Inspector and Field Supervisor, Matthew had inspected and tested all aspects of roadway construction from new highway construction to innovative pavement preservation systems and was responsible for training and oversight of other field personnel. Matthew has also worked closely with many local agencies to help develop and implement field inspection and training programs. Matthew currently serves on the board of the Western Regional Association for Pavement Preservation (WRAPP) and is an active participant with the Asphalt Concrete Task Force of the Greenbook Committee.

Closing Remarks and Event Survey for APWA Monterey Bay Chapter

Sarah Huffman, PE

Transportation Engineer, Wallace Group

Sarah is focused on the planning and design of transportation facilities with particular focus on roundabout operations, design, pedestrian/bicycle safety and trails. She is passionate and skilled in transportation design and is currently helping deliver many projects aimed at improving multimodal mobility, safety, and traffic operations. Sarah regularly works with Caltrans and local agencies throughout the Central Coast and California. She is committed to improving the public infrastructure in the communities she serves and giving back to the profession in volunteer service with the American Public Works Association.



Annual Monterey Bay APWA Training Conference
Co-sponsored by the City of Watsonville
Public Works and Utilities Department

Notes:
