

SOCIETY OF AMERICAN MILITARY ENGINEERS



**Hampton Roads Post Awards
Nominations are due no later than December 10th**

Award: Technology Advancement Medal

Nominees for this award should be SAME Members. This nomination must be submitted to Beverly Noffsinger no later than December 10th.

Nominee Information				
Full Name:	John	C.	Machner, Jr.	Preferred Nickname
Company/Military Unit:				
SAME Affiliation: Sustaining Member				
Profession Licenses & Certifications: VDOT, ATSSA, DCR				
Current Position: Senior Engineer				
(If Military): Uniform Rank:	Branch of Service:	Status: (circle one) AD Reserve Guard Retired		
Address:				
Home <input type="checkbox"/> Work <input checked="" type="checkbox"/>	1210 Progressive Drive, Suite 202			
Chesapeake			VA	233320
Phone: (757)382-0109		Alternate Phone: () -		
E-mail Address: jmachner@mbpce.com				
<i>Please include a narrative description detailing specifically how the nominee has met the nomination criteria for the award. This narrative is not to exceed 1000 words and should be attached to this form.</i>				
Nominator Information				
Full Name:	Don	C	Young	
Address:				
Home <input type="checkbox"/> Work <input checked="" type="checkbox"/>	Street Address 460 McLaws Circle, Suite 140			
Williamsburg			VA	23185
Phone: (757)259-0284		Alternate Phone: () -		
E-mail Address: dyoung@mbpce.com				

December 15, 2009

SAME Hampton Roads Post
PO Box 1913
Norfolk, VA 2350-1913

Attention: Beverly Noffsinger, Director of Post Awards and Elections, Past President

Reference: Hampton Roads Post Awards - Technology Advancement Medal

McDonough Bolyard Peck, Inc. (MBP) is pleased to submit Mr. John Machner for the Hampton Roads Post of the Society of American Military Engineers (SAME) award for the Technology Advancement Medal. As further illustration of our project controls expertise, Mr. Machner as MBP's lead was instrumental in developing the Project Record Keeping System (PRKS) in partnership with VDOT, which won a VDOT Commissioner's Award for Outstanding Achievement.

Mr. Machner's leadership was outstanding in supporting the Virginia Department of Transportation (VDOT) development of the new technology for the Project Record Keeping System (PRKS). PRKS is an electronic document filing and resource system that assists field inspectors with practical solutions to manage the voluminous amount of documentation and specifications associated with transportation construction projects. The field inspection requirements include environmental, asphalt, guardrail, hydraulic cement pavement placement, cement treated aggregate (CTA), box culvert (precast and cast-in-place), pavement markings, guardrail installation and construction surveying.

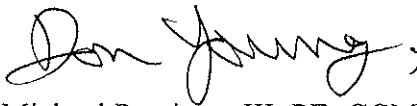
The benefits of using PRKS include access to information that is easily transferable, reduction of office work (meaning inspectors will spend more time in the field), a consistent source of information, and a reduction in VDOT's project management costs. On behalf of VDOT, MBP developed this resource management system designed to electronically store materials, reference manuals, and forms needed for transportation projects. This documentation control system provides the Inspectors with all VDOT reference manuals and specifications on-line in a searchable file format (e.g. Road and Bridge Specifications; Standards; Survey Manual; Work Area Protection Manual; Erosion and Sedimentation Control Manual; CQIP Checklist; and many other resources). In addition, project-level documentation including correspondence, photos, and other documents are organized and readily retrieved saving time and money.

The Construction Quality Managers' Community of Practice delivered the Project Record Keeping System (PRKS) for use by construction inspectors. As reported in the previous *Quarterly Report*, PRKS has put all needed information resources and project forms onto a flash drive making information readily accessible and ensuring documentation is kept in one place in a consistent format. This best practice will increase inspector time in the field by 10% and save at a minimum, \$125,000 a year. It is currently being implemented in the VDOT districts.

As mentioned previously, PRKS is an electronic filing cabinet used by inspectors as a tool/resource to assist them with their daily project record keeping duties. PRKS offers the following features: VDOT Construction Manuals and Resource Manuals (i.e. Specification Book, Road and Bridge Standards, Survey Manual, Work Area Protection Manual, DCR Manual, Environmental Manual) as well as VDOT construction forms are available in one convenient location. The system has the capability to search for a specific key word, key term, or key phrase. Contracts, schedules, change orders correspondence, e-mails, pictures, estimates, mix designs, diaries are filed with a viewable table of content for easy retrieval. The system tracks requests for information, submittals, contract change directives, contract change requests, confirmation of verbal instructions, or requests for contractor actions that give the user the ability to establish logs and reports.

In summary, Mr. Machner led the MBP development in coordination with VDOT of the new tracking and resource system called Project Record Keeping System (PRKS), which included providing technical support services for the system. We feel that Mr. John Machner is well qualified for the Hampton Roads Post of the Society of American Military Engineers (SAME) award for the Technology Advancement Medal.

McDONOUGH BOLYARD PECK, INC.

FOR  PE, CCM
Michael Prezioso, III, PE, CCM Regional Ops Mgr
Senior Vice President