



VRMCA Fall Convention

September 7-9, 2014

Hilton Virginia Beach Oceanfront



ADVISORY COUNCIL REPORTS | FALL 2014

Northern Virginia Concrete Advisory Council

- 2014 Executive Council Members -

CHAIRMAN

David Snider, Vulcan Materials

SECRETARY/TREASURER

Marc Granahan, Lehigh Cement

COMMITTEES

- Kevin Terry , Vulcan Materials
- Duane Laughlin, Essroc Ready Mix
- Joel Woerl, Titan Virginia Ready Mix
- Tony Jones, DuBrook Concrete
- Steven Tripp, Chaney Enterprises
- Marc Granahan, Lehigh Cement
- David Barber, Grace Construction
- Lewis Lee, Luck Stone Corporation
- Frank Glorioso, Essroc Cement
- Hank Keiper, SEFA Group

ADVISOR TO THE COUNCIL

Hessam Nabavi,
Director of Industry Services, VRMCA



NVCAC 2014 Quarterly Attendance

NVCAC MEMBER COMPANIES	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC
VRMCA			2			2						
Aggregate Industries			0			0						
BASF			0			0						
Bekaert Corp.			0			0						
Brundage - Bone			0			1						
Chaney Enterprises			1			3						
DuBrook Concrete			2			4						
ECS			0			0						
Essroc Ready Mix			1			1						
Essroc Cement			1			1						
Grace Constructio Products			1			0						
H.N. Funkouser & Co.			1			1						
Holcim			0			0						
Lafarge			0			0						
Lehigh Cement			1			1						
Luck Stone			3			2						
Mid Atlantic Concrete Equip			0			0						
Nat. American Bulk Transport			0			0						
Propex			0			0						
Separatio TechnologiesgPro Ash			1			0						
Strategic Concrete Consultin			0			0						
Swope & Assoc.- SIKA			1			0						
Stalite			1			1						
Tank Star			0			0						
The SEFA Group			1			1						
Titan America			3			2						
Vulcan Materials			3			5						
WDP			1			1						
CONTRACTORS			2			0						
Guests			2			2						
Total Attendance 2014			28			28						



NVCAC EC Goals & Activities

GOALS

- EC will install educational signage at the colleges & universities where pervious concrete has been placed
- EC will identify deteriorated intersections & turn lanes for possible use of overlays or RCC to report to NOVA VDOT for potential placement
- EC will be providing seminar/ workshop to educate members about LEED V4
-

ACTIVITIES

- 2 pervious concrete certification courses & demonstrations
- NVCAC Retreat (seminar & golf) for design professionals
- Monthly EC members meeting
- Quarterly council meeting, inviting speakers to talk about various timely topics.
- In March, Richard Street, Sr. Environmental Engineer with Spotsylvania County, talked about “*Stormwater Management Update with New Legislative Bills & Brainstorming to Meet New Water Quality Goals Using Pervious Concrete*”.
- In June, Shawn McCoy, Chief Operating Officer with Center Concrete, talked about “*Roller Compacted Concrete (RCC)*”.
- In September, Lionel Lemay PE, SE, LEED AP, Sr. Vice President, Sustainability with NRMCA will be talking about “*Concrete Role in LEED v4, Transparency & Social Responsibility*”.
- **Supporting ACI field testing certification program**
- **Partnering with WACEL on a round table discussion.** Stan Bland, PE, (PCA-SE) and Dr. Andy Johnson (PCA-SE) will be talking about “*Roller Compacted Concrete (RCC)*” ”
- **Other Events**
-



NVCAC EC Goals & Activities



NVCAC Director Activities

ACTIVITIES

- **Calling on various officials & key personnel (city, county ,VDOT & military), developers, architects & engineers regularly**
- **Conducting seminars, trainings & site tours for the design professionals**
- **Continue working w/ engineers on potential paving projects**
- **Continue collaborating w/ public school officials & architects to specify tilt-up & ICF**
- **Routinely taking advantage of NRMCA DAP, various software & other support materials for projects**
- **Following up with people & following through with projects on a regular basis**
- **Tracking paving projects from inception to completion**
- **Active participant at NOVA AIA, USGBC NCR, NAHB, NVBIA**
- **Ongoing communication with NVCAC council chairman & EC members**
- **Educating NVCAC members on timely topics by bringing expert speakers to quarterly meetings**
- **Recruiting engineers & proctors for all ACI courses in NOVA**

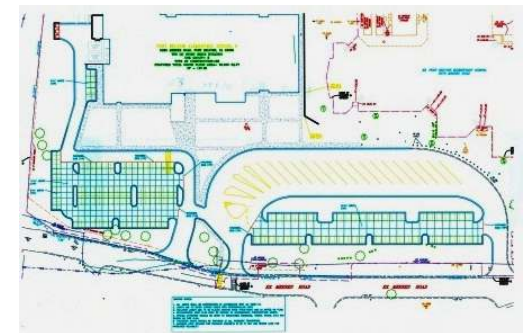
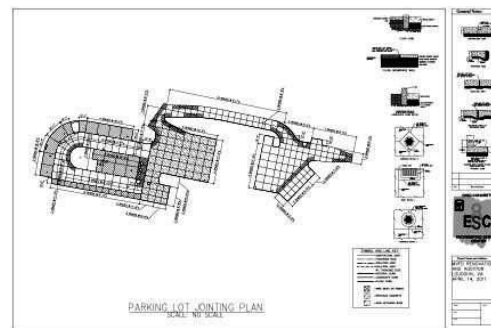
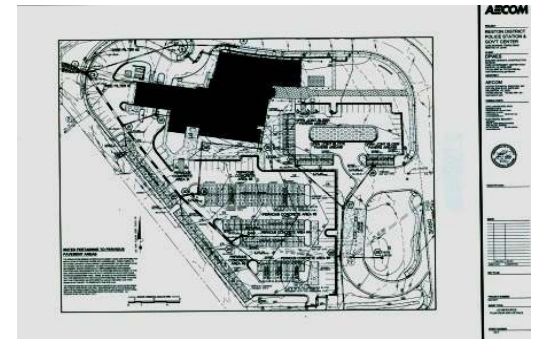
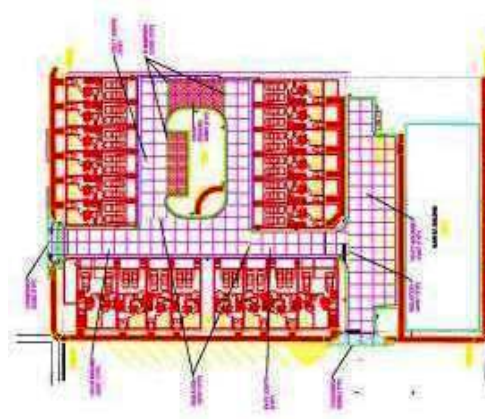
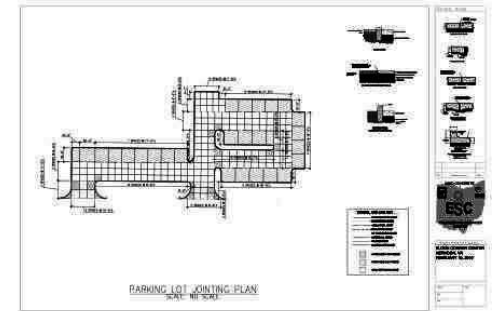
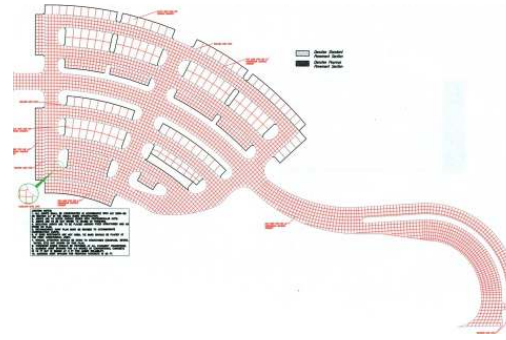


NVCAC Director Activities

ONGOING / EXISTING PROJECTS

Pervious Concrete Paving

- Stringfellow Road Park & Ride
- Training Facility parking, Dahlgren Naval Base
- Reston District Police Station
- Fort Belvoir Commissary
- Fort Belvoir ES #II
- Amelia Square
- Spotsylvania Church
- Cedar Green Church
- Four Mile Run Community Center
- Eldon Corner
- Office / Retail Complex (Sterling)
- Office Building (Vienna)
- Alleyway (Falls Church)
- Haycock ES
- City of Leesburg Admin. Build. Parking Lot
- Brambleton Mix Use
- Glebe Road Office (Fairfax)
- Edgewood Street (Arlington)
- Fort Myer Office Parking Lot
- Leesburg Dealership



NVCAC Director Activities

ONGOING / EXISTING PROJECTS

Concrete Paving

- Amelia Square
- TMOF
- Reston District Police Station
- WMATA Parking Lot
- Military Bases



ICF & Tilt-Up

- Elementary School # 1 (Net Zero School)
- Dulles Landing Shopping Center
- Piedmont Church of Christ
- Prince Street Hotel
- Kessler House, ICF Home King George



Upcoming Events

- Quarterly Council Meetings
- Series of Seminars & Presentations
- Pervious Concrete Certification Course
- WACEL Round Table Discussion
- ACI
- Site Tours



NVCAC Director Activities

COMPLETED PROJECTS

Pervious Concrete Paving

- PX Exchange Parking , Fort Belvoir
- Funeral Home Parking, Purcellville
- Public Safety Facility Parking, Brambleton
- Lemon Road ES Parking, Falls Church
- Group Assisted Home Parking, Fredericksburg
- LV HS Parking, Purcellville
- Fire Department Parking, Middleburg
- Dealership Storage Parking, Leesburg
- Residential Driveways, Arlington
-

Concrete Paving

- TMOF Parking, Leesburg
- Reserve Center Parking, Fort AP Hill
- Residential Driveways, Warrenton
- RCC Roadways & Parking, Stafford
-

Events

- Pervious Conc. Certification Course & Demo
- Series of Seminars & Presentations
- WACEL Round Table Discussion
- March & June Quarterly Meetings/ Speakers
- Site Tours & Demonstrations
- NVCAC Retreat (seminar & golf)
- Presentations for VDOT on Overlays, RCC & FDR



NVCAC Next Six Months

CONTINUE CALLING ON:

- D & C Professional, Municipalities, VDOT & Developers

CONTINUE TO FOLLOW UP WITH:

- D&C Professionals on their Projects
- NVCAC Leadership

CONTINUE TO WORK WITH:

- NOVA VDOT on concrete overlay & intersections, turn lanes
- Architects & Public School Officials for ICF & Tilt-up Schools

CONTINUE TO PARTICIPATE IN THE ACTIVITIES OF:

- USGBC NCR & AIA NOVA, NAHB, NVBIA

UPCOMING EVENTS:

- Quarterly Council Meetings/ Speakers
- Pervious Concrete Certification Course
- Series of Seminars/ Trainings
- WACEL Round Table Discussion
- Site Tours
- ACI



Southwest Virginia Concrete Advisory Council

CHAIRMAN

Sam Woolwine, Boxley

VICE-CHAIRMAN

Bret Queen, Chandler Concrete

TREASURER

George Kuhn, Chandler Concrete

ADVISOR TO THE COUNCIL

Bob Nablo,
Director of Industry Services, VRMCA



SWCAC 2014 Attendance

SWCAC MEMBER COMPANIES	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC
BASF	0		0		0		0					
Boxley Corp.	2		1		1		1					
Chandler Concrete	1		1		2		3					
Conrock	0		0		0		1					
ECS Inc.	0		1		1		0					
Essroc Cement	0		2		1		1					
Felton Bros.	0		0		0		0					
F&R	1		2		1		2					
Grace	1		0		1		0					
Lakeside Ready Mix	0		0		0		0					
Lynchburg Ready Mix	0		1		1		1					
Roanoke Cement	1		0		1		0					
ST/ProAsh	0		0		0		0					
SEFA Group	0		0		1		1					
Swope & Assoc.	0		0		0		1					
VRMCA	1		1		1		1					
Guests	0		0		0		1					
Total Attendance 2014	7		9		11		13					



SWCAC Committee Activities

RESIDENTIAL

Chip Scruggs, Chandler Concrete, Chair

- Continue relationships with regional homebuilder's associations and realtor's associations.
- Special attention to residential building permits, new home sales and housing market activity.
- Identify and track new multi-family residential developments.
- Track residential paving for PCA reporting.



COMMERCIAL

Robert Marek, Roanoke Cement Co., Chair

- Promote regular concrete and pervious concrete to developers and municipal engineers.
- Identify new commercial opportunities and work with promotion team.
- Continue relationship with local USGBC Chapter.
- Work with NRMCA to identify opportunities with major commercial developers (Advance Auto, Kroger, O'Reillys, etc.)
- Continue to identify and track concrete paving for PCA reporting.



SWCAC Committee Activities

EDUCATION

Gary Pasquarell, F&R., Chair

- Plan new in-house seminars for future luncheon meetings.
- Work with members to develop a fall luncheon seminar.
- Work with members and potential members on ACI certifications.
- Determine if there is interest in another pervious concrete certification class.
- Organize demonstrations and site visits.



SWCAC Director Activities

DESIGN PROFESSIONALS

- Continue to work with municipalities and school boards to allow alternate designs for paving projects.
- Continue relationship with Blue Ridge AIA Chapter and USGBC Chapter.
- Continue calling on municipal engineers, city and county officials, developers, contractors and VDOT officials to discuss concrete projects and plans.
- Continue meetings with architectural and engineering firms to discuss concrete design and current projects.
- Introduce tools such as NRMCA software programs, design assistance programs and support materials.

ONGOING PROJECTS

- Present annual 45 minute class on pervious concrete to Va. Tech Civil Engineering students during course on Sustainability Initiatives. (Fall Semester)
- Friendship Retirement Community – stormwater design and new parking.
- Frank’s Theater and Bowling Alley – Blacksburg tilt-up
- New construction at Emory & Henry College, including parking areas.
- New Vinton Library construction and parking.
- Haley Toyota auto dealership paving.
- New shopping center –“The Falls” – in Bristol.

- Proposed concrete parking for new Kroger Food Stores.
- Alternate paving design for Advance Auto Stores.
- Liberty University projects in Lynchburg.
- New construction for Glenvar High School.
- Lowe’s Home Improvement Store in Bristol.
- Veteran’s Affairs Main Hospital building in Montgomery County.
- Blacksburg Regional Transit Facilities.
- Proposed Virginia-Maryland Transitional Research Center at Virginia Tech.
- Proposed Blacksburg-Virginia Tech Multimodal Transit Facility.
- Roanoke Outdoor Walking Mall at Center In The Square
- Patriot Center in Henry County.

COMPLETED PROJECTS

- Carilion Roanoke Community Hospital construction and pervious pavement.
- Roanoke Elmwood Park Amphitheater.
- Liberty University auto tunnel under Norfolk Southern railway in Lynchburg.
- Back Creek Elementary School overlay.
- Virginia Tech Center for the Arts.
- Dollar General retail store in Martinsville.



SWCAC Next Six Months



- Southwest Virginia Council bi-monthly meetings.
- Proposed renewal of annual dinner/seminar for VMI CE students and faculty.
- Annual Va. Tech Career Fair.
- Roanoke ACI Grade 1 classes and exams.
- Bristol ACI Grade 1 classes and exams.

- Attend VDOT/VRMCA Co-Op Committee meetings.
- Attend VRMCA Technical Committee meetings.
- Attend VRMCA Safety/Human Resources meetings.
- Attend VRMCA Educational Committee meetings.
- SW Council Golf Outing fundraiser September 18.



Blue Ridge Concrete Advisory Council

CHAIRMAN

Buddy Murtaugh, Rockingham Redi-Mix

TREASURER

Scott Boshart, Superior Concrete

ADVISOR TO THE COUNCIL

Bob Nablo,
Director of Industry Services, VRMCA



BRCAC 2014 Attendance

BRCAC MEMBER COMPANIES	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC
Allied Concrete		2		2		2			3			
BASF		0		0		0			0			
Essroc Cement		0		1		1			0			
Essroc Concrete		1		1		1			0			
F&R		0		1		1			1			
Grace		0		0		0			0			
Lafarge N/A		1		0		0			0			
Lehigh Cement		0		0		0			1			
ProCon		-		-		0			2			
Roanoke Cement		1		0		0			1			
Rockingham Redi-Mix		2		3		3			5			
Rockydale Quarries		2		0		0			0			
SEFA Group		1		1		1			1			
Superior Concrete		1		1		1			1			
Swope & Assoc.		0		1		1			0			
ST/ProAsh		0		0		0			0			
Vulcan		0		1		1			0			
VRMCA		1		1		1			1			
Wilson Ready Mix		0		0		0			1			
Guests		1		0		1			0			
Total Attendance 2014		13		13		14			16			



BRCAC Committee Activities

RESIDENTIAL

Mike Hinegardner, Rockingham Redi-Mix, Chair

- Continue to identify and track new residential developments for possible promotion.
- Work with local architectural concrete contractors to promote value-added flatwork.
- Continue residential ICF promotion.
- Continue to follow Harrisonburg concrete street for long term results and promotional use.
- Track residential flatwork for PCA reporting.

COMMERCIAL

Trevor Whetzel, Rockingham Redi-Mix, Chair

- Continue to work with local tilt-up developers and follow new projects.
- Promote pervious concrete to developers and municipal engineers.
- Identify new commercial projects and work with promotion team.
- Make developers, designers and owners aware of pavement design issues and professional assistance programs.
- Promotion of concrete paving for parking areas.
- Track and report concrete paving projects.

EDUCATION

Todd Fretwell, Wilson Ready Mix, Chair

- Plan self-education seminars for scheduled business meetings.
- Plan testing lab roundtable discussion for fall Council meeting.
- Plan and develop fall seminar for contractors.
- Arrange certification classes.
- Conduct demonstrations and site visits.



BRCAC Director Activities

DESIGN PROFESSIONALS

- Continue meetings with architectural and engineering firms to discuss concrete design and current projects.
- Schedule meetings, seminars and lunchbox presentations on pervious concrete and stormwater management techniques.
- Call on municipal engineers, city officials, developers, contractors and VDOT officials to discuss past problems and/or new products.
- Introduce tools like NRMCA software programs, design assistance programs, and support materials.
- Track and report on new projects.

ONGOING PROJECTS

- Charlottesville-Albemarle County Airport new parking construction.
- McKethan Park development in Rockbridge County.
- New construction of Waddell Elementary School in Lexington.
- New ICF medical facility in Monterey. Design by Lineage Architects in Verona.
- Renovation of paving at Natural Bridge Hotel in Natural Bridge.
- Repaving of parking areas for associated Natural Bridge activities.
- New Kroger Food Stores.
- Alternate paving design for Advance Auto stores.
- Aldi Food Store in Waynesboro.
- VMI Physical Training Facility and underground parking in Lexington.



BRCAC Director Activities

COMPLETED PROJECTS

- McKethan Park Phase 1 (Activities Building)
- Maury River Middle School paving in Lexington.
- Insurance Institute Highway Safety project in Greene County.
- White Way paving project in Rockingham County.
- Concrete paving for recycle center in Harrisonburg.



BRCAC Next Six Months

- Continue to work with airport consultant and designer toward acceptance of alternate concrete pavement design for new parking area.
- Continue to pursue design of new Harrisonburg school.
- Continue to work with contractor for new paving at Natural Bridge Hotel.
- Blue Ridge Council meetings.
- Organize Harrisonburg ACI Grade 1 performance exam.
- VRMCA Technical Committee meetings.
- VRMCA Safety/Human Resources Committee meetings.
- VRMCA Education Committee meetings.
- VDOT/VRMCA Joint Committee meetings.



Hampton Roads Concrete Advisory Council

CO-CHAIRS

Barb Nelson, Titan Virginia
John Connolly, Titan Virginia

TREASURER/SECRETARY

Lee Flemming, Essroc

ADVISOR TO THE COUNCIL

Ann-Germaine Danz,
Director of Industry Services, VRMCA



HRCAC 2014 Attendance

HRCAC MEMBER COMPANIES	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC
Branscome			1	0		1		2				
Capital			3	1		0		2				
CRMP			0	0		0		0				
Essroc			0	1		1		1				
Boral			0	0		1		0				
Lehigh			0	0		0		0				
Luck Stone			1	4		1		3				
Martins			1	0		0		0				
Rappahannock			0	0		0		0				
Roanoke Cement			1	0		0		1				
Swope & Assoc.			1	2		0		1				
Titan			1	2		3		3				
Vulcan			1	1		1		1				
VRMCA			2	1		1		1				
Guests			0	1		1		1				
Total Attendance 2014			12	13		10		16				



HRCAC Committee Activities

STREETS & ROADS

- John Connolly (Titan) not much activity for streets and roads. In the Hampton Roads region churches have been good customers.
- The committee is monitoring the expansion of I-64 in Williamsburg and proposed plans for US-460.

RESIDENTIAL BUILDERS

- John Wheeler (Branscome) keeps us up to date with briefings on home permit activity for Hampton Roads. Cole Joyner (Branscome) stepped in for John to give an update last month.
- There has been growth projected in the 55+ and low income categories.
- Some concerns have been raised about additional training for finishers (basic training, do's & don'ts of warm weather finishing).

TECHNICAL/EDUCATION

- Bill Denison (Titan) is on board to teach our NRMCA Pervious Concrete Contractor Certification course October 24th at Tidewater Community College.
- He continues to represent HRAC at the VRMCA Technical committee meetings as well.
- ACI courses continue to fill. HRAC receives good volunteer and location support from the City of Virginia Beach.



HRCAC Special Committees

GOLF COMMITTEE

- John Connolly (Titan) organized the HRAC Keith Beazley Memorial golf tournament at Kiln Creek Golf Club in Newport News. We had a great turn out despite rainy weather and enjoyed dinner in the clubhouse following the tournament.
- Our golf outing benefitted our scholarship recipient, Cox High graduate Joseph Maddox now enrolled at Virginia Tech. in the engineering program

BASEBALL COMMITTEE

- Marie Derby (Essroc) – The council voted to forgo a baseball outing this year due to lack of participation in recent outings.



HRCAC Director Activities

DESIGN PROFESSIONALS

- Redesigned “Frequently Asked Questions on Pervious Concrete” document with local example projects and updated NRMCA guidelines for installation and maintenance. Utilized this document to communicate with engineers that pervious concrete acts as a stormwater system.
- Scheduled speakers for monthly advisory council meetings including:
 - o Dwight Farmer, PE, Executive Director of Hampton Roads TPO
 - o Bruce Faison, PG, Luck Stone
 - o Bruce Anderson, President of Polycrete USA
 - o Larry Atkinson, ODU Professor of Oceanography (October)
- Photographic documentation of pervious concrete projects across Hampton Roads region. Noted good examples and those that have been paved over or lack maintenance.
- Utilized NRMCA DAP for two self-storage parking lots originally designed in asphalt pavement.
- Obtained ACI Certification & acted as examiner in Virginia Beach, Richmond & Harrisonburg
- Worked with AES engineering in Williamsburg to include proper header curb on pervious concrete roadway design for Poquosen Marina. Utilized NRMCA resources to communicate best practices for detailing of pervious concrete.
- Facilitated recurring event - AIA Let’s Talk coffee & conversation networking brunch with leading local architects and AIA Hampton Roads board members. Acted as RSVP contact for this event.
- Act as Scholarship Chair and attend monthly board meetings for Women’s Transportation Seminar (WTS) Hampton Roads Chapter; outreach to local high schools and universities with scholarships for students pursuing a career in transportation. Members include VDOT branches and major construction firms.
- Met local architects & university construction supervisor on hard hat tour with AIA Hampton Roads at Christopher Newport University
- Toured U.S.S. Roosevelt aircraft carrier at Naval Base Norfolk with University of Michigan alumni club. Plan to get more involved with this group and establish connections through their future networking events.



HRCAC Director Activities

ONGOING PROJECTS

- Midtown Tunnel mega-project – new construction and rehabilitation of the connection from Norfolk to Portsmouth funded using P3 (public-private partnership) for infrastructure upgrades
- The Shops at Tech Center – large development and land clearing operation adjacent to Jefferson Lab, retail, dining and office space on Jefferson Ave.
- WaWa – new location in Newport News across from Tech Center; large chain example of concrete parking lots for gas stations.
- Jefferson Lab Improvements – H & A architects and engineers are working on projects to improve the facility with funds from a grant.
- Brock Environmental Center at Pleasure House Point – International Green Construction Code & LEED certified low-impact project in Virginia Beach
- Sea Level Rise Pilot Project – Military & Hampton Roads Planning District Commission
- Lightfoot Shopping Center – development on the site of former outlet mall in Williamsburg
- E3 School, Norfolk - Elevate Early Education in Norfolk's Park Place neighborhood
- Student Success Center at Christopher Newport University

COMPLETED PROJECTS

- Salvation Army Kroc Center pervious concrete parking at community center
- Pervious concrete roadway at White House Cove Marina, Poquosen for stormwater compliance
- Midtown Tunnel “mudslab” approach to tunnel crossing
- Food Lion in Williamsburg with pervious concrete parking



HRCAC Next Six Months

- NRMCA Pervious Concrete Contractor Level 1 Certification Seminar October 24th at Tidewater Community College, taught by Bill Denison (Titan). Promoted this event with WTS HRC members, VRMCA membership, engineers and local contracting firms.
- Continued involvement in AIA Hampton Roads & Women in Design subcommittee, including facilitating upcoming Race for the Cure 5K event
- WTS Hampton Roads – Plan to attend advisory council luncheon with presentations from local transportation officials and board member retreat. Professional development seminar with Shelly Row cohosted by Central Virginia chapter. Fall event hosted by the Governor for women in non-traditional careers.
- Expand local connections through events hosted by Hampton Roads Chamber of Commerce, Downtown Norfolk Civic League, American Society of Civil Engineers, Society of Military Engineers and other professional groups.
- Continue calling on architects, engineers, design-build, and construction firms in Hampton Roads to promote concrete parking lots, pervious concrete, streets & local roads, tilt-up, and concrete buildings.



Central Virginia Concrete Advisory Council

CHAIRMAN

Todd Miller, Vulcan Materials

VICE CHAIR

James Wallis, Powhatan Ready Mix

TREASURER/SECRETARY

Brad Meyers, Swope & Associates

ADVISOR TO THE COUNCIL

Ann-Germaine Danz,
Director of Industry Services, VRMCA



CVCAC 2014 Attendance

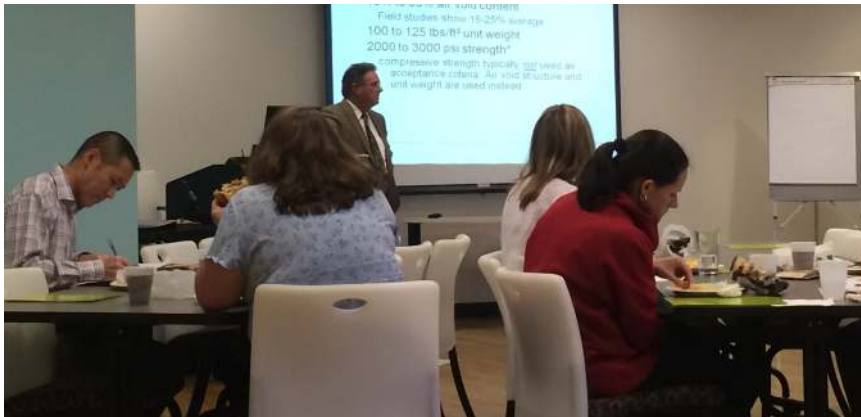
CVCAC MEMBER COMPANIES	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT	OCT	NOV	DEC
Argos Ready Mix			0	0		0	0	0				
Beesley			0	0		0	0	0				
Essex			0	0		0	0	0				
Essroc			1	1		0	0	1				
F&R			1	1		0	0	0				
Lehigh			2	1		0	1	0				
Luck Stone			2	2		0	2	1				
Martin Marietta			1	1		0	0	0				
Powhatan			3	1		0	1	0				
S.B. Cox			0	2		0	1	1				
SEFA			0	1		0	0	1				
Swope & Assoc.			0	2		2	0	1				
Roanoke Cement			1	0		0	1	1				
Vulcan			1	2		2	3	2				
VRMCA			2	1		1	1	1				
Guests			0	0		0	1	2				
Total Attendance 2014			14	15		5	11	11				



CVCAC Committee Activities

RESIDENTIAL

- Connect with Homebuilder's Association of Richmond – High Performance Homes subcommittee to set up a presentation for their members
- Richmond Parade of Homes October 5th – 20th no planned involvement at this time
- Monitoring new construction housing starts and data from Richmond Association of Realtor's presentation
- Observation of ICF home under construction in Richmond neighborhood as an example of highly energy efficient construction methods.



PAVING

- John Lockett (Roanoke Cement) chairs this committee
- Scott Mogel (Argos), James Wallis (Powhatan), and Jim Murray (Vulcan) are all active members
- Pervious concrete has been the main focus of the paving committee. We have been working to reinforce the good examples of pervious pavement in Central Virginia through promotion of the Science Museum's "Rainkeepers" exhibit and documentation of example projects.
- Facilitated pervious concrete lunch & learn seminar for Timmons Group in Richmond; attended by 35 interested engineers and landscape architects. Presentation by NRMCA's Phil Kresge.
- Successfully used the DAP to redesign a poorly executed pervious concrete detail and supply two options for jointing plans on a pervious concrete roadway.
- Working to promote concrete parking lots and use of the DAP to flip projects in Central Virginia.



CVCAC Special Committees

GOLF COMMITTEE

- Glenn Webb (S.B. Cox) – Upcoming CVAC golf outing with hole sponsorship and team options for participation. October 4th at Hunting Hawk Golf Club in Glen Allen. New online registration this year!



CVCAC Director Activities

DESIGN PROFESSIONALS & OUTREACH

- Scheduled speakers for monthly advisory council meetings including:
 - Laura Lafayette, CEO Richmond Association of Realtors
 - Bob Banka, Concrete Management Solutions
 - Scott Blossom, PE, Stantec (September)
 - Chuck Rogers, AIA, University of Richmond (October)
- Afternoon meeting format unless requests to change; 3pm at American Tap Room
- Met with Infrastructure Corporation of America to discuss applications for concrete in maintenance work on I-64 & I-95 expressways. Followed up with ICA about reclamation of highway shoulders & NRMCA's DAP for roadway design.
- Participated in VRMCA's Technical Committee & VRMCA-VDOT Co-Op meeting.
- Attended James River Green Building Council's monthly luncheon on the IGCC (International Green Code Council) vs USGBC's LEED as an enforceable building code.
- Increased familiarity with Chesapeake Bay Foundation efforts to save the bay in order to promote pervious concrete as a stormwater management system.
- Connected with leading healthcare design firm, Cornerstone Architects in Richmond to discuss concrete for fencing, ICF walls, and blast-proof construction.



CVCAC Director Activities

ONGOING PROJECTS

- Oakwood Heights development - pervious concrete roadway with permeable paver parking
- “Twister Project” – Phillip Morris warehouse next to Amazon distribution center, tilt-up construction
- Pervious Concrete Walking Trail – Richmond, potential application for pervious product
- University of Mary Washington pervious concrete roadway, Richmond-based architect
- Tredegar Green Amphitheater – Outdoor 3.5 acre amphitheater for Richmond Folk Festival designed by 3 North Architects, Venture Richmond
- I-64 & I-95 Maintenance – Infrastructure Corporation of America (ICA) maintains these highways from VA Beach to Richmond, concrete shoulder work
- ICF home – monitoring the site, first residential project for Polycrete Big Block supplier
- Ferguson Kitchen and Bath showrooms interior concrete floor



COMPLETED PROJECTS

- Taxiway at Richmond International Airport cement treated soil base
- Moseley Architects office pervious concrete parking
- Amazon distribution center Tilt-up construction
- Defense Commissary Agency Deco Parking
- Stonewall Jackson Middle School pervious pavement in courtyard
- Broad Rock Elementary School pervious concrete sidewalks and concrete yard



CVCAC Next Six Months

- January Pervious Concrete presentation with Phil Kresge from NRMCA at Central Virginia Chapter of Construction Specifiers Institute Lunch & Learn Series
- “Rainkeepers” Exhibit Science Museum of Virginia – work to continue monitoring of sample pervious pavement and use of the exhibit in science curriculum
- Upcoming seminars by CVAC members at Timmons Group on Concrete Streets & Local Roads and Specification Review
- CVAC Golf Outing October 4th at Hunting Hawk
- Increase participation by producer members and organize committee participation in CVAC
- Utilize industry resources including DAP and Street Pave to leverage concrete parking lots
- Participate in networking events hosted by WTS – Central Virginia Chapter and AIA RVA
- Continue calling on architects, engineers and design professionals to promote concrete
- Network with engineering, home builders, and construction groups in the Richmond market
- Attend webinars hosted by NRMCA to be better informed on concrete technology and promotion
- Participation in NRMCA Pervious Concrete Subcommittee conference calls
- Continued participation in Technical Committee meetings to learn about material issues and technological advances in concrete
- Obtain information on sample paving design for projects completed in Central Virginia

