CONSTRUCTING “FORT WEST VIRGINIA”
$125 MILLION IN CONSTRUCTION ONGOING AT CAMP DAWSON
The 315D Excavator can help you get more done in less time, with fewer machines and greater accuracy. As your job gets tougher, Count on Cat® to support you with versatile, productive D-Series excavators, equipment expertise and comprehensive support. We'll help you meet your toughest business challenges head on, accomplish more with less, and WORK AT THE NEXT LEVEL!
At Wells Fargo Insurance Services (formerly Acordia), we take our role as America’s Local Insurance Broker seriously. We’re committed not only to our customers, but to the communities where we live and work and raise our families.

- Construction Industry Focus
- Surety Bonds
- Commercial Insurance
- Employee Benefits
- Administrative Services

Call today about our products and services and team up with us.

Wells Fargo Insurance Services of West Virginia, Inc.
(Formerly Acordia)

Beckley  304.252.6375  Danville  304.369.7239  Martinsburg  304.262.9109
Bluefield  304.327.3421  Elkins  304.636.1574  Morgantown  304.598.5678
Charleston  304.346.0611  Huntington  304.697.2900  Parkersburg  304.485.4475
Clarksburg  304.623.3721  Lewisburg  304.645.1968  Wheeling  304.232.0600
Ongoing construction at Camp Dawson tops $125 million. The property, which is available for government and military use, provides training for response to manmade and natural disasters. Located in Preston County, the facility, which is known as “Fort West Virginia,” is experiencing dramatic growth. Photos courtesy of the WV National Guard. For more information on the ongoing construction at Camp Dawson, see page 6.

Correction: The Ripley Readiness Center, featured on the cover of the November/December 2010 issue, being constructed by The Neighborgall Construction Company, Huntington.

On the cover

The Contractors Association of West Virginia is a nonprofit trade organization representing the building, highway, heavy and utility contracting industries in West Virginia. Its services include establishment of a close working liaison with state and federal agencies; worthwhile educational and informational programs; the regular dissemination of pertinent information to its members; strong legislative and media relations; as well as all other activities deemed necessary and proper to promote the general welfare of the construction industry. The CAWV is a certified chapter of the Associated General Contractors of America and the American Road and Transportation Builders Association.

West Virginia Construction News, the official publication of the CAWV since 1937, is published bimonthly. Advertising and editorial deadlines are on the first of the month preceding the month of publication. Material may be reprinted only with the permission of the editor. Advertising and editorial offices are at 2114 Kanawha Boulevard, East, Charleston, WV 25311, telephone (304) 342-1166, Fax (304) 342-1074, Web Site www.cawv.org, Email: cawv@cawv.org. Yearly subscription rate to CAWV members, $7; non-members, $8; single copies, $1.50.

MICHAEL L. CLOWSER
EDITOR
The Friedlander Company

Celebrating 90 years as the benchmark of SERVICE to the construction industry

Surety Bonds & Insurance

1566 Kanawha Boulevard, East Charleston, West Virginia 25311
304-357-4520
CONSTRUCTING “FORT WEST VIRGINIA”

$125 MILLION IN CONSTRUCTION ONGOING AT CAMP DAWSON

Nestled along the Cheat River, sits “Fort West Virginia,” the WV National Guard’s sprawling combat training facility, Camp Dawson. The 4,000+ acre property provides advanced land navigation training, weapons ranges, tactical maneuvering, enemy prisoner of war simulations, land mine clearing, rope bridge building, rappelling and features a mock Third-World village and replica urban landscape.

The development of Camp Dawson was the brain child of recently retired Adjutant General Allen Tackett, who worked throughout his career to create Camp Dawson as a national anti-terrorism training facility for military and civilian first responders. The training site is available for all branches of military and government agencies to use in their training endeavors.

In addition to the Army National Guard, groups such as military police, FBI, Army Reserve, Reserve Officer’s Training Corps, and other active and reserve components of the Air Force, Navy and Marine Corps use the camp.

Camp Dawson was established in 1909 along the Cheat River in Preston County. Prior to World War I, the site was used for training operations. It was reestablished in 1928 as a training site for the West Virginia State Militia, and later served as a POW Camp for Italian prisoners during World War II.

Today, thanks to efforts of late-Senator Robert C. Byrd who secured nearly $200 million in federal appropriations for Camp Dawson, the training site and facilities are undergoing impressive renovations, upgrades and additions. There is currently over $125 million in ongoing construction at Camp Dawson.

Projects include a new state-of-the-art firing range, access control point, a multi-purpose building and the recently completed Mountaineer Challenge Academy.

Additionally, an armory expansion, various electrical and mechanical upgrades, sanitary sewer system upgrades, parking and road repairs are being completed. The crowning jewel of the facility is the $64.5 million Joint Interagency Training and Education Center (JITEC).

JITEC is a 283,000-square-foot facility which includes a new operations building, expansion of the billeting facility (hotel), renovation of the training facility, expanded classrooms, visitor center and design for walkway connectors between all the facilities. The project also includes a new entry portal to the facility with three lanes of traffic, space for vehicle searches and a covered guard station.

“The project began with a review of the existing base master plan, followed by a revision of the master plan concept,” said project architect Adam Krason, ZMM, Inc., Charleston. “JITEC is a training and educational facility – the vision behind the site...
The West Virginia National Guard currently has $125 million in ongoing construction at Camp Dawson in Preston County. The projects are being built with the goal of creating “Fort West Virginia,” a location where civilian soldiers can prepare for crises. The $64.5 million Joint Interagency Training and Education Center (top left) is a 283,000-square-foot facility which includes a new operations building, expansion of the billeting facility (hotel), renovation of the training facility, expanded classrooms, visitor center and design for walkway connectors between all the facilities. The project also includes a new entry portal to the facility with three lanes of traffic, space for vehicle searches and a covered guard station.

The design and updated master plan is that of a college campus atmosphere. The design intent is to create a campus environment that integrates existing buildings with new ones by using compatible, yet distinct building materials."

The project is designed to meet the U.S. Green Building Council’s Leadership in Energy and Environmental Design (LEED) Silver Standard. ZMM, in conjunction with AECOM, Arlington, VA, designed the facility to reflect the natural surroundings.

“The entire building front, composed of glass and pre-cast concrete walls, is open and inviting with glazing that reflects the surrounding trees and hills,” Krason said. “Security requirements for the command center influenced the design of the attached, copper-clad “black box” that is an homage to the native rock stratification seen throughout the state.”

A variety of groups are housed on Camp Dawson’s sprawling site. Army training site staff, the Mountaineer Challenge Academy, C Company...
2nd/19th Special Forces group, Service Battery 201st Field Artillery unit, 115th Engineer Company, Special Operations Detachment – Europe, 1st/80th Training Division, and the 197th Regional Training Institute call Camp Dawson home. In order to cause the least disturbance possible, the project is being built in phases over a four-year period.

The 180,000-square-foot billeting center will increase the number of beds on the base from 183 to 600. This includes six executive suites with full amenities.

“Designed to relate to the existing architecture with similar scale, materials, textures, and massing, the addition also brings in new elements, such as iconic glazed building corner elements, to integrate the design of the new operations building,” Krason said. “A new dedicated lobby with terrazzo tile flooring leads to a monumental stair with terrazzo treads, open risers, and a glass/stainless steel railing for access to the open lounge areas on the second and third floors.”

The 180,000-square-foot billeting center will increase the number of beds on the base from 183 to 600. This includes six executive suites with full amenities.

"The lobby of the facility mimics that of a hotel and features a bar and restaurant area.

“The new Liberty Lounge showcases wood finishes salvaged from the gymnasium floor in the existing headquarters building,” Krason noted.

The facility also includes three classrooms and a 600-person banquet area.

"In the past 10 years, the number of people coming to train at Camp Dawson has nearly tripled," said Staff Sergeant Kerry Gnık, public affairs officer and management analyst. “With the extensive expansion, I expect our..."
THE CONTRACTOR’S LAWYER
Experienced, Aggressive, Successful Legal Representation

We know construction.

304.343.7100 phone
304.343.7107 fax
1125 Virginia Street, East
Charleston, WV 25301
wvlaw.net
numbers to increase exponentially. It’s my hope that with the strong marketing campaign we are developing to draw people to Camp Dawson, the benefits of this influx will also be experienced by the local community.”

In addition to the $64.5 million JITEC project, a nearly $9 million multipurpose building is being constructed. It will include a gymnasium and weight room for year round use. A rappel tower and a Lower Range Complex are also being built. The $12.3 million Lower Range project includes concrete foxholes and pop-up targets.

The Guard plans to establish a National Training Center for Weapons of Mass Destruction at Camp Dawson. The facility will include a replica of a three-block urban landscape where first responders from around the country can train for terrorism emergencies. West Virginia University’s Virtual Medical Campus and its high-speed telecommunications technologies will provide first responders with medical expertise and access to on-line health care information from around the world.

“The vision is to continually develop Camp Dawson in order to train the military, first responders and other state and federal agencies in scenarios that they will likely encounter in the future,” said Lieutenant Colonel David Shafer, Construction and Facilities Management Office.

For instance, an airport training range is being adapted for hijack training using surplus civilian jetliners, and an abandoned Volkstone manganese plant on a 492-acre tract is being developed as an urban training site.

“The vision retired Adjutant General Tackett had for Camp Dawson was to create a facility where West Virginia's guard members could receive training to respond to crises and situations, manmade and natural, all over the world,” LTC Shafer said. “The concept is part of a larger vision for the West Virginia National Guard called “Fort West Virginia” where citizen soldiers are at their best, where they are well trained and equipped, committed to excellence and add value to our communities, state and nation.”

Initial estimates for “Fort West Virginia” put the price tag at $400 million.

“Being a part of Camp Dawson’s growth and seeing General Tackett’s vision become a reality has been very rewarding,” LTC Shafer said. “The training site will continue to grow. We cannot let it get stagnant. We will always continue planning for the future so that we can provide the best training opportunities for our soldiers now and in the future.”

Senator Jay Rockefeller, D-WV, has pledged his commitment to continuing to seek funds for Camp Dawson. The senator is working with the Senate Appropriations Committee to acquire funding for more major projects.

Crews with Jarvis, Downing & Emch, Inc., Wheeling, worked through the winter on erecting the structural steel for the new Multi-Purpose Building at Camp Dawson. The nearly $9 million facility will feature open training and class rooms, a gymnasium and a weight room. Funding for the project was secured by the late-Senator Robert C. Byrd.
Those include nearly $2 million each for emergency backup power, a new mail processing and identification card center, and upgrades to the current storm/sanitary sewer system and electrical/utility systems.

“There is an art and a science to making a construction project, particularly one of this magnitude, a reality,” LTC Shafer said. “The “art” is very apparent. The “science” is putting a finite amount of federal money to its best use to support our mission and community.”

Major General James Hoyer, who took over as adjutant general for the West Virginia National Guard in February, is continuing the vision for “Fort West Virginia.”

“I’m a firm believer in the concept of Fort West Virginia,” said the 30-plus year Guard veteran. “I’m pleased to have been a part of helping to build that capability and vision.”

By Lindsay Stephens

Camp Dawson was established in 1909 along the Cheat River in Preston County. Prior to World War I, the site was used for training operations. It was reestablished in 1928 as a training site for the West Virginia State Militia, and later served as a POW Camp for Italian prisoners during World War II.
“Real Men Smell Like Diesel” is the current marketing slogan which promotes Oliver Fuels and Oils. The company has been in business for nearly 60 years. With Jill Oliver-Thornton at the helm, the company has found a niche selling and distributing fuels, oils and industrial lubricants to the construction, agriculture, rail and home heating industry.

“Each company has a forte in the fuel market,” she said. “Oliver Fuels and Oils is a small company, and we are very customer oriented so we are able to make things happen when necessary. We can do big jobs, but we typically service the smaller fuel needs of contractors.”

Oliver Fuels and Oils is an independent distributor of petroleum and equipment, servicing mostly Central West Virginia. They also operate a service station at their warehouse located along Route 60 in St. Albans. Along with various types of fuel, such as propane, kerosene, diesel and gasoline they also sell oils, industrial lubricants and greases.

The company delivers fuel and loans tanks ranging from 200 to 200,000 gallons. They are a certified DBE and WBE.

The company’s tag line is “We Keep Your Job Moving.” With emergency and after hour service and delivery along with Saturday hours, Oliver Fuels and Oils makes the customers needs their top priority.

“Because we are a smaller company we can move faster and be more accommodating to customer’s requests,” she said. “We pride
ourselves on having in-stock inventory and on-time delivery.”

Oliver-Thornton attributes the business’ reputation for putting customers first and their longevity in the fuel industry to their staff.

“Ninety percent of our staff has been with the company for over a decade,” Oliver-Thornton, the company president said. “They know their jobs and are customer-oriented people.”

Her employees had a good role model. R.N. Oliver, who started the business in 1950 with his wife Hazel, came to work every day until his health began to fail and he passed away at age 96 in 2007. He built the warehouse with his hands, working in the evenings and on weekends over a period of four years while working a full time job at Dupont.

“Oliver’s Texaco opened on July 1, 1950,” Oliver-Thornton said. “Since they were on the main road (Route 60) before the interstate was built, they worked seven days a week and long hours. At the time they also serviced vehicles. Dad started fuel delivery in 1952 because he could haul his own gasoline rather than paying someone else to haul it for him, launching the delivery side of the business.”

Oliver-Thornton grew up at the warehouse and has been a part of the business her whole life.

“I was a genuine daddy’s girl,” she said. “My father and I were very close. I got my worker’s permit when I was 15 and I started out sweeping the floors and answering the phones. I worked summers and anytime I didn’t have school.”

Oliver-Thornton recalls that her father always encouraged her, and once told her that she was “the best employee he ever had.” Throughout the past 60 years, the business has maintained that family-type atmosphere.

“Would I be in this business if I didn’t grow up in it? Probably not,” she said, “but I really enjoy it.”
The fuel business runs at a fast pace, with distributors receiving one-hour notification of pricing changes.

“Most people assume that the distributor sets the fuel price,” she said. “We are told at 5:00 p.m. what the price will be at 6:00 p.m., but it isn’t quite as simple as just changing a number,” she explained. “What fuel is in inventory and how much was paid for it is also a consideration. We might have $15,000 to $20,000 in one load of fuel.”

Adding to the complexity, refineries operate on a tight credit cycle.

“Cash flow is one of the most challenging issues of being a fuel distributor,” she said. “The refinery has credit terms from net 1 to net 10 days. It can be stressful to get receivables in on time to make the electronic draft from the refinery.”

Despite the stress, it is the fast pace of the business that Oliver-Thorton likes the most.

“I like to stay in the warehouse where the action is,” she said. “I answer calls, order inventory, schedule deliveries, set up and design marketing, oversee daily business and accounting activities.”

Her favorite aspect of the business is setting up a new customer and getting to know their needs.

“We will often get a customer in the office on Saturday who is preparing to get a project started on Monday. We will get them set up and ready to roll,” she said.

The company is currently embarking on a “Real Men Smell Like Diesel” marketing campaign.

“Being a member of the CAWV allows our company to get our name in front
of contractors,” she said. “We are a certified DBE and WBE, the only one in the state, so we get a lot of construction and governmental business. We also get a lot of individuals and farmers in at the warehouse.”

Oliver Fuels and Oils has been a member of the association for over 30 years, and this July will mark their 60th year in business.

“I wish my father and mother were here to enjoy all their hard work,” she said. “I miss working with my father. They both worked so hard and I am certain that it took a lot of courage to leave a stable job to start a fuel distributorship back in the fifties,” she said.

“I enjoy what I do and today’s business climate brings with it some daunting challenges,” Oliver-Thornton said. “I appreciate all the clients and customers we have had over the years and hope that we will continue to grow in the future as we have in the past 60 years.”

By Lindsay Stephens

Oliver Fuels and Oils makes the needs of their customers the top priority. The company keeps a variety of industrial greases and oils in stock for their customers. They also offer Saturday hours and emergency services to their customers.
Matheny Freightliner
West Virginia's Newest
Freightliner Dealer &
Exclusive Landoll Distributor!

www.mathenymotors.com

Commercial Truck & Trailer Sales
50 Matheny Lane, Mineral Wells, WV 26150
800-284-4418
Sales x563

Visit often! We are always updating our inventory!

Matheny Motors services ALL brands
of commercial trucks:
Call 800-284-4418
Parts x524 Service x532
Through the past several years, iSqFt has added a new dimension to the process of bidding projects both for general contractors and subcontractors in West Virginia. The CAWV Internet Planroom began in 2005 following a year of study by a Joint Architects Committee task force.

The service allows subscribers to view plans and specifications for multiple projects without having to leave their office. Bidders lists, addenda and lists of interested subcontractors and suppliers are all available at the click of a button.

The CAWV Internet Plan Room houses the association’s project information for public and private projects occurring in West Virginia and in border counties of surrounding states. Project information that had previously only been available at the CAWV’s physical plan room is scanned and loaded into the online Internet Plan Room.

“As in the time it takes to drive to the plan room, you could look at, what, 20, 30 jobs on the Internet Planroom? The benefits for any size business are enormous.”

~Doug Canterbury, Boxley Materials

As subscribers to the service have grown, and the service areas have developed, iSqFt has matured. With an ear to the ground, iSqFt has launched iSqFt 10, a series of enhancements and additions to the service designed to offer a better product to the members. New features include:

- Specifications in PDF: Until recently, specifications on iSqFt were in a DjVu format. Now specifications are available in PDF, so it is easier to view, search, print and share with others.
- Printing Made Easy: A print button has been added to the Project Listings Page to allow easy printing for the following: List-current view, list-all projects, project details and project details - include trade information.
- Print Interested/Bidders Lists: In the project details, where there is a list of interested companies, and the bidder list, print buttons are now available.
- Project Update Email Preferences: Customize daily project updates, by using Profile Preference in iSqFt 10 Beta.
- Updated Web Viewer: Drawing viewer has more intuitive icons and printing that offers more options and greater flexibility.
- Dashboard Tab: Dashboard containing reminders are available for
upcoming bid dates on projects being watched.

“We’re extremely focused on what our customers have to say about how they want to use our application,” said Henry Purdy, iSqFt’s vice president of Product Management, “not only how they do use it, but how they want to use it. Hearing from the people who will use the application is vital to any good design, and we take that very seriously.”

iSqFt offers two products to the construction industry. The first, the Internet Planroom, is designed for subcontractors and suppliers, and provides access to many bidding projects. The second, the Private Construction Office, is tailored to general contractors managing their bidding projects.

Users of the Internet Planroom have already been exposed to changes in the system.

---

**iSqFt 10 Upgrades**

- **Greater platform and browser compatibility:** iSqFt 10 is compatible with both PC and Mac, and supports Internet Explorer, Firefox and Safari.

- **Supports PDF and CPC (for plans):** iSqFt 10 still offers the option to view and download documents in CPC file format, but now it also offers the option to use PDF.

- **Advanced Search:** Search multiple states, counties, cities, plan rooms, classes and categories -- all in a single search that can be saved and used anytime with the click of a button.

- **Customizable project filters:** Upgrades have made it quick and easy for subscribers to find just the right jobs with easy-to-use filter options and a keyword searches that quickly scans through specifications, addenda and even project titles.

For full details, including a video that provides a brief overview of the new application, go visit [http://www.isqft.com/10/winter2011/](http://www.isqft.com/10/winter2011/)

---

**Helping build better communities today for a brighter tomorrow.**

At BB&T, our mission is to help our clients achieve economic success and financial security. Our consultative approach, together with our comprehensive and integrated line of financial products and services, illustrates why so many businesses rely on BB&T for objective advice and expert financial solutions. BB&T is dedicated to offering the products and services that meet your needs, including:

- Capital Formation
- Employee Benefits
- Payment Solutions
- Personal Financial Management
- Risk Management

BB&T Charleston Commercial Group, 300 Summers Street, Charleston, WV 25301 • (304) 348-7279 • BB&T.com

**Banking Insurance Investments**

BB&T, Member FDIC. Only deposit products are FDIC insured. ©2010 BB&T BB&T.com
Productivity And Performance You’ll Tip Your Hat To.

Wheel Loaders, Articulated Haulers, Hydraulic Excavators, Motor Graders, Skid Steer Loaders & Loader Backhoes

Hydraulic Excavators & Front Shovels

Surface Crawler Drills & Underground Jumbos

Blasthole Drills

Rigid Frame Haulers

Hydraulic & Lattice Boom Cranes

Louisville, KY (502) 456-4050
Evansville, IN (812) 867-6661
Pittsburgh, PA (412) 741-1731

Corbin, KY (606) 528-9440
Indianapolis, IN (317) 247-9125
Clearfield, PA (814) 765-8500

Prestonsburg, KY (606) 874-2104
Fort Wayne, IN (260) 482-3681

St. Louis, MO (314) 487-8925
Charleston, WV (304) 755-7788

Rudd Equipment Company
“Our subcontractor application was and is still a great piece of software,” Purdy said. “It’s easy to use and gives people easy access to the information they need. But the world keeps on spinning and people wanted files to be in PDF; they wanted the application to work in Firefox, Safari; and they wanted compatibility with Mac computers. They wanted navigation like they were seeing in other applications,” he said. “Time in the world of software runs way faster than anywhere else and improvements in usability and navigation come along daily.”

In the software industry time may fly, but in the construction industry time is money.

“In the time it takes you to drive to the plan room, you could look at, what, 20, 30 jobs, on the Internet Planroom?” said Doug Canterbury, Boxley Materials, Lewisburg. “The benefits for any size business are enormous.”

Canterbury has been using the service since it was launched in 2005.

“We receive invitations to bid from general contractors, and we also look at the plans and specifications for bidding projects in the CAWV’s Internet Planroom,” Canterbury said.

“iSqFt puts the bidders lists right with the project details,” said Canterbury. “When we find a project we are interested in bidding, we are able to quickly contact the general contractor and submit our pricing. It has really streamlined our bidding process.”

Private Construction Office users note the system benefits them in many ways as well. The biggest of which being time savings and tracking capabilities.

“The system we were using before was very labor intensive,” said Jason Shantie, EIT, Maynard C. Smith Construction Company, Charleston. “We previously manually emailed and called subcontractors and suppliers to request bids and confirm addenda were received. iSqFt allows us to invite subcontractors and suppliers to bid a project with one-click. It has made the whole process a lot easier and faster.”

Maynard C. Smith Construction Company is a new subscriber to the Private Construction Office.

“iSqFt provided hands-on training, making learning to use the system very easy,” Shantie said. “The ability to track who looks at what parts of a project and to instantly notify bidders of an addendum saves a lot of time.”

Upgrades to the system make an efficient process even easier for subscribers to use.

“Although it’s new, iSqFt 10 was created for our customers and, to a large extent, by them,” Purdy said. “Thanks to their feedback, I think we’ve managed to create something that people will recognize as a pretty significant step forward.”

For more information on iSqFt, visit www.cawv.org and click Bid Info.

By Lindsay Stephens

---

CARR CONCRETE

PRECAST CONCRETE PRODUCTS

When you need quality, experience and commitment to get the job done right . . . call Carr;
We promise to deliver a quality product, on time and to specifications . . . every time!

Some of the products available through Carr Concrete and Sidley Precast are:

- Manholes (4, 5 & 6 ft. diameter)
- Utility Vaults
- Median barrier
- Custom products up to 40 tons
- Oil interceptors/grease traps
- Storm inlets/catch basins
- Wingwalls/headwalls
- Box culvert
- Lagging
- Bridge beams
- Pre-assembled buildings
- Structural precast
- Parking garages
- Stadiums
- Building structures
- Architectural precast
- Wall panels with a variety of finishes

CARR CONCRETE CORPORATION  P.O. Box 265  Waverly, WV 26184-0265
PHONE: 800-837-8918  FAX 304-464-4013  E-MAIL: info@carrconcrete.com
Carr Concrete is a wholly owned subsidiary of R.W. Sidley, Inc.

For more information on Carr Concrete visit our website www.carrconcrete.com

---

By Lindsay Stephens
We’re Committed To Your Needs

Sales  Rentals  Parts  Service  Financing

28 branch locations
26 parts drops
586 service technicians
175 field service trucks

Serving 78 counties in WV, PA and Western Maryland

Cleveland Brothers
304-842-2222

www.clevelandbrothers.com

ONE CALL RENTALS CAT Rental Store
304-592-5855

www.onecallrentals.com
A group of CAWV Young Contractors spent February 2 at The Clay Center CANstructing a bulldozer. The structure used over 1600 cans of food, which were donated to the Covenant House Food Pantry upon completion.

“Canstruction competitions raise tons of food each year for those less fortunate,” said Young Contractors Committee Chairman Rob Williams, Vecellio & Grogan, Inc., Beckley. “We are proud to have participated again this year.”

Canstruction is an annual competition where teams within the design and construction industries build huge structures out of canned goods. Other entries included the Titanic, Eiffel Tower, the “Soup”er Bowl, penguins and a big soup can.

The Young Contractors group was honored with the “Healthiest Meal” award for their entry, which included beans, vegetables and cereal.

“This is the group’s third year participating in the event,” said Nate Orders, Orders Construction Company, St. Albans. “With a little experience, we chose a more ambitious structure this year and had a great time building our bulldozer.”

The trademark charity event of the design and construction industries is...
Anderson Equipment Company is proud to offer equipment from such manufacturers as Atlas Copco, Genesis, Indeco, and our newest addition, Dynapac, the global leader in soil and asphalt compaction.

Call your local branch or sales representative today and see how our Quality People, Products and Service can help YOU on the job.

Anderson Equipment Company: Your COMPLETE Equipment Solution.

2 Convenient West Virginia Locations:
Charleston, WV 304.756.2800
Fairmont, WV 304.366.3075

www.andersonequip.com  |  1-800-414-4554
CAWV Young Contractors Nate Orders and Chet Rodabaugh carefully set a piece of plexiglass to serve as the roof of the bulldozer. The plexiglass is held by columns of asparagus. The seat of the bulldozer is made out of beans.
produced nationwide by the Society of Design Administration. The event brings together architects, engineers, and contractors to design and construct sculptures using canned foods.

Covenant House and the American Institute of Architects-West Virginia Chapter hosted the event for the fifth consecutive year.

Covenant House averages about 20,000 pounds of canned food from the event each year as well as about $1,000 in donations. The event plays a vital role in stocking the food pantry.

“Besides being a lot of fun, this event reminds people that the food pantry exists and our help goes a long way to meet the community’s needs,” Orders said.

By Lindsay Stephens

A very special thanks to our sponsors:

Brown Edwards & Company
C.L. Belt Construction, Inc.
Martin Engineering
Orders Construction Company
Pray Construction Company
Tri-State Roofing and Sheet Metal Co.
Vecellio & Grogan, Inc.
West Virginia Paving

Paul Martin and Chet Rodabaugh tape bags of cereal around large cans of tomato juice to serve as the bulldozer’s tracks. The yellow body was made using pinto beans.
The 31st Annual Asphalt Paving Conference and West Virginia Division of Highways Statewide Asphalt Preconstruction Conference, held February 16-17, featured many key speakers including West Virginia Department of Transportation Secretary Paul Mattox who discussed the state’s roadway maintenance and paving programs.

“The economies of this nation, and especially this state, depend on a safe and efficient transportation system,” the secretary said during the luncheon. “In West Virginia we have to drive to survive. There is no truer statement about how much the economic stability of this state is literally riding on the soundness of its highway system.”

Secretary Mattox talked about how the topography of the state presents unique challenges as well as the status of the State Road Fund’s stagnant funding stream and large system responsibility. West Virginia has the sixth largest state-maintained highway network in the country with 92 percent of the roads under the purview of the WV Division of Highways.

“It is vital that our roadways are built intelligently and safely,” he said, thanking the construction industry for their partnership with the agency.

WV Department of Transportation Secretary Paul Mattox was the keynote speaker at the 2011 Asphalt Paving Conference held February 16-17, 2011 at the Charleston Mariott. Secretary Mattox shared details about the agency’s upcoming paving program and discussed the funding challenges that exist in maintaining and building roads in West Virginia. The secretary also discussed proposals before the WV Legislature with the potential to increase the Department’s paving program.
“Asphalt has always been and continues to be the pavement of choice for America. At present, 94 percent of the roads in America are surfaced with asphalt,” he stated. “With asphalt, our nation has built one of the most extensive and productive highway systems in the world, representing billions of dollars of public and private investment.”

The secretary detailed the paving program over the past five years, stating that, “In the past five years the Division of Highways has spent more than $800 million in paving a total of more than 4,000 miles.”

In 2005, the Division expended $125 million and paved 809 miles and the 2006 paving program expended $144 million paving 791 miles. The amount expended was slightly decreased in 2007 to $118 million, which included paving for 716 miles.

“The 2008 program was the largest in many years,” the secretary said, noting that $209 million was spent paving a total of 896 miles of roadway. “Thanks in part to the American Recovery and Reinvestment Act, 622 miles were paved at a cost of $209 million in 2009. Last year, with a regular program of $130 million, more than approximately 700 miles of roadway were paved.”

Secretary Mattox circulated the 2011 Paving Program which lists all the projects planned to be completed in this year’s pavement program by county and route.

“Looking forward, this year’s paving program is projected at $126 million to be applied to approximately 550 miles of roadway in more than 300 paving projects along West Virginia’s roadways,” he said, noting that there is a possibility the West Virginia Legislature may transfer funds from the General Fund to the State Road Fund for secondary road paving.

“In light of projected funding stalls and to ensure taxpayers get the best service for their investment, the division is exploring performance measurement - internally and externally - in the form of product warranties,” he said. “Performance measures would allow stakeholders to monitor changes in system conditions and performance against established visions, goals and objectives,” he said, explaining that certain performance measures are anticipated to be mandated as part of our next transportation bill, but those specific measures have yet to be identified.

The American Association of State Highway and Transportation Officials (AASHTO) has identified the six core functional areas for performance measures that they deem important: Safety, preservation, system operations, congestion, freight / economic development and environment. Using this model, the Division of Highways is developing applications for each of the areas.

“As it relates to our purposes here today, two areas in which performance measures will be implemented are preservation and maintenance,” Mattox said. “Several fields will be examined and indexed, including smoothness and percentage in good to fair condition. Using those measurements to advance roadways, contractors will be required to improve upon the smoothness of the existing pavement.”

Secretary Mattox explained that by instituting performance measures, the quality and safety of the state’s roadways will be improved.

“Another way to improve the safety of our roadways and the investment of the taxpayer is to have contractors warranty their work,” he said. “Warranties will require the contractor to be responsible for their work and reduce the time and resources the division will spend inspecting construction projects.”

The secretary thanked the industry for their hard work in building West Virginia’s roadways before presenting the Commissioner’s Awards for Excellence in Asphalt Paving.

The conference, held at the Charleston Marriott, attracted a statewide audience from the WVDOH, public works agencies, FHWA and industry. Sessions focused on the FHWA’s new Every Day Counts initiative, Safety Edge, Warm Mix Asphalt, alternative asphaltic applications, tack coat, WVDOH Density Study and specification update, intelligent compaction and binder performance.

The WVDOH and industry discussed a number of issues at the Preconstruction Conference that are expected to produce a better project and promote more uniform practices, procedures and inspections.

Chris Wagner, pavement and materials engineer with the Federal Highway
Administration, discussed the new Every Day Counts initiative.

“Every Day Counts is designed to identify and deploy innovation aimed at shortening project delivery, enhancing the safety of our roadways, and protecting the environment,” Wagner explained. Some of those innovations, Wagner pointed out, include Warm Mix Asphalt (WMA), prefabricated bridge elements and systems, geosynthetic reinforced soil, Safety Edge and adaptive traffic control technology.

“Every Day Counts promotes the rapid deployment of these proven solutions and technologies, he said, noting the fast growth to date of the use of WMA,” Wagner said. “We now have WMA projects in over 40 states, with at least ten of those states having adopted permissive specifications on the use of the technology,” Wagner said.

He went on to explain the enabling WMA technologies and the many benefits of WMA, adding that WMA and hot mix asphalt pavements are performing equally in the field.

Wagner also introduced the audience to another innovation, Safety Edge, which shapes the edge of the pavement at 30-35 degree angle to help drivers safely recover from pavement drop-offs.

Donna Hardy, regional safety engineer for the WV Division of Highways, discussed how WVDOH plans to use the Safety Edge for reducing the severity of shoulder drop-offs in West Virginia.

“Roadway departures account for more that 70 percent of highway fatalities in West Virginia,” Hardy said, as she discussed case studies that validate the use of Safety Edge. “Safety Edge is a simple but effective solution that can help save lives by allowing drivers who drift off highways to return to the road safely. Instead of a vertical drop-off, the Safety Edge shapes the edge of the pavement to the optimal angle to allow drivers to re-enter the roadway safely.”

West Virginia’s approach to the use of the new technology, according to Hardy, will include the development of Design Directives and Details, development of two Special Provisions (one performance based and one using an Approved Source List), and deployment of the Safety Edge Special Provision on approximately eight paving projects in 2011. The division will also evaluate its performance.

Tom Medvick, the division’s new pavement engineer, discussed the state’s experience to date with Warm Mix Asphalt. Medvick told the group that the Division of Highways will continue to monitor the performance of warm mix projects performed the past two seasons. They will also increase the opportunity for its use in 2011, as 25 to 30 percent of paving jobs let this year will have a WMA alternate bid item.

Bill Garrett, Meeker Equipment, also discussed Warm Mix Asphalt, including the technologies and their benefits.

“Warm Mix asphalt is the generic term for a variety of technologies that allow the producers of hot mix asphalt pavement material to lower the temperatures at which the material is mixed and placed on the road,” Garrett explained. “WMA is the future,” Garrett told the audience, as he outlined the many benefits of WMA.

“Lower production temperatures mean less emissions, lower energy consumption, decreased binder aging, improved plant production and cooler working conditions,” he said. “Warm Mix Asphalt also provides for better compaction on the road, longer haul times and extension of the paving season by being able to pave at lower temperatures.”

The use of alternative asphaltic applications for pavement preservation increased last year as the DOH focused on some new and some traditional treatments. Dr. John Zaniewski, asphalt technology professor at WVU, is assisting the Division of Highways and another municipality with these projects.

“We are monitoring several projects done last year,” Dr. Zaniewski said. “One utilized a trackless tack coat and another used a fog seal. A double chip seal performed by a contractor is being monitored, and three preservation projects that required a warranty by the contractor are being studied - a high performance thin overlay, a traditional Wearing III project and a microsurfacing project.”

Tack coat may be one of the least expensive items on a paving project but also one of the most important, according to Bruce Wehr, sales representative for Asphalt Materials, Inc. Wehr teamed up with Medvick for a look at the state’s new Tack
Specification and a discussion on how to properly apply tack. Medvick outlined changes made to the specification and walked the audience through a sample tack rate calculation and reviewed the Inspector’s Tack Worksheet.

Wehr stressed the importance of doing the job correctly, including pavement repairs and cleaning, equipment inspection and adjustment, proper tack application and key weather and surface characteristics for assuring a good bonding pavement.

SBS Polymer Modified Asphalts, according to Asphalt Technologist Steve Jones of Marathon Petroleum, “Provide enhanced rut resistance and durability compared to non-modified asphalt.” Jones explained the chemistry and testing that support the improved performance of the modified asphalt binders.

The final two session of the conference focused on pavement density and compaction.

West Virginia Division of Highways District One Asphalt Coordinator Jo Ann Jarrett, and Compaction Coordinator Ed Hayne, joined Medvick for an update on the division’s density specification research.

“We have worked with 15 individual control strips from projects in seven districts that include the use of numerous contractor and DOH gauges, three different mixes and one WMA project” the panel told the audience.

The research, which involves correlating nuclear gauge readings to cores taken from the job site, is guiding development and refinement of the state density specifications. The state will continue using the pilot specification and is recommending continued use of control strips, development of gauge correction factors and other testing protocol.

“It may not be long before you see contractors and roller operators utilizing Intelligent Compaction—a major innovation in compaction technology,” said Bob Horan, senior regional engineer for the Asphalt Institute, who explained the process. “The roller operator gets real-time feedback from on-board displays with color coded mapping. Rollers equipped with GPS-based documentation systems, roller measurement value (RMV) technology, surface temperature measuring systems and other technologies allow for improved roller patterns, improved temperature control, mapping of underlying materials, data analysis and storage, and provide the ability to make adjustments on-the-fly,” he said.

With a focus on the future, the annual Asphalt Conference brings the state’s paving professionals together to learn about emerging technologies, discuss current industry practices and keep up-to-date on upcoming industry changes.

By Pat Parsons
WV Department of Transportation Secretary Paul Mattox thanked highway employees and industry for their role in maintaining West Virginia’s transportation system during the 31st Annual Asphalt Paving Conference held February 16-17, 2011. The secretary presented awards for Excellence in Asphalt Paving and Quality Craftsmanship. Projects were evaluated by a team of WV Division of Highways Materials Division representatives Chris Preston, C.J. Skeens, Dave Matics, Larry Barker, Steve Marshall and Stewart Groves.

**Commissioner’s Awards for Excellence in Asphalt Paving**

WV Department of Transportation Secretary Paul Mattox thanked highway employees and industry for their role in maintaining West Virginia’s transportation system during the 31st Annual Asphalt Paving Conference held February 16-17, 2011. The secretary presented awards for Excellence in Asphalt Paving and Quality Craftsmanship. Projects were evaluated by a team of WV Division of Highways Materials Division representatives Chris Preston, C.J. Skeens, Dave Matics, Larry Barker, Steve Marshall and Stewart Groves.

**Excellence in Asphalt Paving**
Two-Lane, Two-Way Projects (1,000 ton min)

**Quality Craftsmanship Award**
Best Rideability

**P&W Excavating, Warfordsburg, PA**
**WVDOH District 5, Burlington**
Morgan County - S333-522-9.82

Designer: Jeffery Stanislawczyk
Superintendent: Frank Plessinger
Paving Foreman: Frank Plessinger
QC Manager: Bob Willard
DOH Superintendent: Mark Trenter
District Plant Coord.: Dick Kuykendall

Pictured: Jeffrey Stanislawczyk and Secretary Mattox

**Excellence in Asphalt Paving**
Multi-Lane Divided Projects with Pavement Thickness Less Than 2”

**West Virginia Paving, Inc., Dunbar**
**WVDOH District 1, Charleston**
Kanawha County - S320-77-113.51

Designer: David Bodnar
Superintendent: Bob Brookover
Paving Foreman: Travis Truman
QC Manager: John Boggess
DOH Superintendent: Russell Kees
District Plant Coord.: Jo Ann Jarrett

Pictured: John Boggess and Travis Truman with WV Paving, Inc. and Lori Jarvis, WVDOH, and Secretary Mattox
Excellence in Asphalt Paving
Multi-Lane Divided Projects with Pavement Thickness Greater Than 2”

West Virginia Paving, Inc., Dunbar
WVDOH District 9, Lewisburg
Greenbrier County - S313-64-158.00

Designer: James Moore
Superintendent: Dave Collins
Paving Foreman: Paul McNeil
QC Manager: John Boggess
DOH Superintendent: Bill Burns
District Plant Coord.: Bill Farren

Pictured: Paul McNeil and Dave Collins, WV Paving, Inc., with Bill Burns, WVDOH, and Secretary Mattox

Quality Craftsmanship Award
Best Longitudinal Joint & Best Surface Appearance

West Virginia Paving, Inc., Dunbar
WVDOH District 8, Elkins
Pocahontas County - S338-28-35.28

Designer: Brian Cooper
Superintendent: John Ledden
Paving Foreman: Tom Corbin
QC Manager: John Boggess
DOH Superintendent: Allen Brewster
District Plant Coord.: Allen Huffman

Pictured: John Ledden and Tom Corbin, WV Paving, Inc., with Allen Brewster, WVDOH, and Secretary Mattox

Quality Craftsmanship Award
Best Transverse Joint

West Virginia Paving, Inc., Dunbar
WVDOH District 9, Lewisburg
Greenbrier County - S313-60-21.32

Designer: James Moore
Superintendent: Dave Collins
Paving Foreman: Paul McNeil
QC Manager: John Boggess
DOH Superintendent: Bill Burns
District Plant Coord.: Bill Farren

Pictured: Paul McNeil and Dave Collins, WV Paving, Inc., with Bill Burns, WVDOH, and Secretary Mattox
The Neighborgall Construction Company, Huntington, is continuing construction on 65,000-square-foot Armed Forces Reserve Center in Millwood, Jackson County. In addition to being a training and readiness center for the National Guard, the facility will also have several features open for use by the general public including meeting rooms, a distance learning center and a 17,000-square-foot multi-purpose center capable of seating 2,000 people. Photo courtesy of the Neighborgall Construction Company, Huntington.

The Putnam County Commission is asking the West Virginia Infrastructure Council for more than $7 million in loans for water line extensions that would serve hundreds of county residents. The funds are requested for four projects, each of which would cost roughly $2 million. The first project group would serve more than 100 homes on Allison Hill Road, Manila Creek Road, Lewell Branch, Sycamore Road, Turkey Creek Road, Clymer Road, Harvey Creek Road, Watson Road, and Bear Branch Road. It would cost about $2.1 million. The second project would serve about 70 homes on Custer Ridge Road, Coleman Creek Road, Sigmoid Fork, Bowles Ridge Road, and Painters Fork Road. It would cost about $2.2 million. The third project, at about $1.5 million, includes 36 homes on Fishers Ridge. The fourth project would serve 55 homes on Trace Fork/Mud River, Evergreen Road and Spanish Oak Road. It would cost about $2 million. Commission President Steve Andes said the county budgets about $50,000 every year for loan repayments on water line projects. The commissioners expect to pay that much back every year on the new projects through a low-interest, 40-year loan ...

MarkWest Liberty Midstream and Resources and Dominion Transmission have announced plans to build natural gas processing complexes in West Virginia. MarkWest Liberty announced plans to build a midstream natural gas processing complex in Logansport, Marion County. The 120-million-cubic-feet-per-day processing facility is expected to be completed by mid-2012. The plant will service EQT Corporation, which has substantial acreage in Marcellus Shale in northern West Virginia. Dominion Transmission announced plans to build a plant to process and separate natural gas liquids from small producers who have tapped the Marcellus Shale deposit. The processing plant will be constructed...
CONSTRUCTION BRIEFS

in Natrium, Marshall County. The site is strategically close to existing Dominion facilities, as well as rail, pipeline and barge services. The new plant is in the planning process now ...

- **Huntington City Council** is planning to add $400,000 to their $600,000 paving budget in order to keep up with road maintenance and pothole repair. By almost doubling the fund, the city will be able to create a more regular paving schedule that takes place in the spring and fall. "With all that we're trying to do with job development and bring business into the community and asking people to invest in the community, the worst thing in the world you can have is have them coming in and having to dodge potholes all the time," said Councilman Steve Williams ...

- **Toyota Motor Manufacturing** announced in February they are expanding the plant in Buffalo. The $64 million investment will increase 6-speed automatic transmission capacity and create approximately 40 new jobs in West Virginia. Toyota made the announcement with Acting-Governor Earl Ray Tomblin, U.S. Senator Jay Rockefeller, U.S. Representative Shelley Moore Capito, Toyota management and team members in attendance. Toyota currently builds 6-speed transmissions for V6 engine models including the Avalon, Camry, Lexus RX350, Sienna and Venza. The expansion will bring Toyota's annual transmission capacity to nearly 400,000 and raise total employment to approximately 1,100 and total plant investment to $1.26 billion ...

- **Bids were accepted on January 26 for sanitary sewer system improvements in Randolph County.** Phase IIA - Contract 1, the East Dailey collection system, included installation of over 5,500-linear-feet of pipe, 69 manholes, six manhole connections and 14 terminal gravity cleanouts. The project was bid by **Rover Construction, Inc.,** St. Albans, at $1,842,361; **J. F. Allen Company,** Buckhannon, at $1,887,725; **Field’s Excavating, Inc.,** Kitts Hill, OH, at $2,100,326; **Pro Contracting, Inc.,** Clarksburg, at $2,126,875; **Pipe Plus, Inc.,** Nitro, at $2,163,812; **Bear Contracting, LLC,** Clarksburg, at $2,168,888; **Cowgirl Up, Inc.,** Simpson, at $2,176,965; **Mendon Pipeline, Inc.,** Ghent, at $2,199,363; **Mountaineer Contractors, Inc.,** Kingwood, at $2,598,367; and **Kanawha Stone Company, Inc.,** Poca, at $2,998,487.

  - Phase IIB - Contract 1, the Dailey and Valley Bend sanitary sewer improvements, includes installation of over 5,000-linear-feet of gravity sewer pipe, 47 manholes and all other appurtenances. The project was bid by **J. F. Allen Company,** Buckhannon, at $1,441,559; **Pipe Plus, Inc.,** Nitro, at $1,583,755; **Bear Contracting, LLC,** Clarksburg, at $1,588,000; **Field’s Excavating, Inc.,** Kitts Hill, Ohio, at $1,590,890; **Mendon Pipeline, Inc.,** Ghent, at $1,649,010; **Pro Contracting, Inc.,** Clarksburg, at $1,662,801; **Cowgirl Up, Inc.,** Simpson, at $1,782,644; **Mountaineer Contractors, Inc.,** Kingwood, at $2,011,096; and **Kanawha Stone Company, Inc.,** Poca, at $2,100,551. The project is owned by **West Virginia American Water Company** and it was designed by **Thrasher Engineering, Inc.,** Clarksburg ...

- **West Virginia University Hospitals is hoping to get $20 million** from a bond issue to expand its crowded laboratories at Ruby Memorial Hospital. West Virginia United Health System President Tom Jones says the plan is still in its infancy, but he’s hoping to land part of a $150 million state bond issue. Reports indicate that WVU Hospitals needs about $27 million to build and renovate labs, and relocate the morgue.

  - The current labs would be used for physical therapy and the emergency department. Jones says plans should be finalized over the next three to four months. School of Medicine Dean Art Ross says new space would help students learn in a more modern environment ...

- **The Old Main Corridor project in Huntington** is a project with the goal of making the area from Hal Greer Boulevard to the Sixth Street Bridge more inviting to college students, residents and visitors. Phase two of the project is moving forward and is currently under review by the Department of Highways. This phase will go from 13th Street to 14th Street, and an award for its funding has been received. Charles Holley, executive director of development and planning, said the department is hoping to get the notice to proceed with construction by this summer.

  - Adding new lighting, improving sidewalks and planting flowers were all performed along Fourth Avenue during phase one to attract people to the area's establishments and increase the residents' safety. Additional phases will follow this model of making downtown more inviting. Phase three, from 11th Street to 13th Street, is projected to start in summer 2012, pending the results of an application for a grant of $625,000 ...

- **The Wetzel County Commission** met in January to open bids for a project to repair the roof over the county assessor's office. With only one bid proposal received, the commission approved Kalkreuth Roofing and Sheet Metal, Inc., Wheeling, to complete the project at the approved cost of $57,800. The project is estimated to be completed by June...
Vienna City Council passed a motion in January to hire Burgess and Niple, Parkersburg, to complete an engineering study for the Rosemar Road sewage line extension project. The proposed 2,300-foot sewer line extension between Millstone subdivision and Fellowship Baptist Church on Rosemar Road would give eight residences, including the church, access to city sewage services. The properties are outside the city limits and rely on septic tanks. The extension would eliminate two sewage pumps ...

A deal selling the Charleston Marriott Town Center Hotel in January will lead to more than $8 million in renovations to the property. The new owners of the Charleston Marriott Town Center, Inland American Lodging Group, plan to renovate the hotel’s lobby and guest rooms during the next 18 months. The hotel renovation project is described as a “refresh.” Marriott will continue to manage the 352-room hotel under a long-term agreement with Inland American, which owns 56 hotels under various Marriott brands, including six full-service Marriott hotels. The Charleston Marriott has about 17,500 square feet of meeting space. The hotel frequently hosts conferences and receptions ...

Putnam County School administrators will re-bid the auxiliary gym projects at four different schools next month. Money from the bond referendum is paying for the work, and a school spokesperson says the bids came in too high. Winfield High School is one of the schools getting an additional gym. School administrators say it will alleviate overcrowding, because so many sports teams are vying for practice time in the gym.

Poca High School, Hurricane High School and Winfield Elementary are the other three schools getting auxiliary gyms ...

The city of Lewisburg has approved an agreement with Chapman Technical Group, St. Albans, to design the city’s aging water treatment plant expansion. The project is estimated to cost $25 million to $30 million. The city’s engineering consultants advised replacement instead of refurbishing the existing plant. Water is being pumped too many hours each day to allow a safety margin during times of heavier demand. The best way of “packaging” the project to maximize grant funding and low-interest loan money is being discussed by the mayor, engineer Greg Belcher and bond counsel John Stump in ongoing meetings ...

Work on the section of Route 2 in Marshall County known as the Narrows will be finished by Kelly Paving, Inc., Williamstown. According to the West Virginia Division of Highways work will begin in mid-March. Plings along the southbound wall need replaced, and a new concrete wall barrier will be built along the river’s berm. The project will cost $6.2 million and the completion date is August 2012 ...

Work continues on projects to improve streets around Berkeley Springs. The Town of Bath’s Streetscape project is moving forward as engineering drawings for work on the west side of North Mercer Street between Fairfax Street and Union Street have been submitted to the state for approval. The job is expected to be bid in March with construction beginning in May and June.

The committee received a $375,000 federal transportation enhancement program grant last year and used some of the money to finish up work on Wilkes Street. Other funds were used for sidewalks around the courthouse and to begin engineering design of Mercer Street. The committee has submitted a new $450,000 grant request for 2012. Another project making progress, the Morgan County Commission has signed a contract for a grant to put in sidewalks, culverts and crosswalks on Green Street in front of the Senior Center and Health Department, and along Route 9. A request for proposal for the design and engineering work is expected soon ...

In January, the Higher Education Policy Commission sold revenue bonds totaling $76.8 million. The proceeds of the bond sale will be used on a variety of projects across the state’s system of higher education and will invigorate construction jobs, while strengthening higher education infrastructure for West Virginia students. With this transaction, West Virginia became one of the final states to sell federally-subsidized Build America Bonds, a program created under the American Recovery and Reinvestment Act of 2009 aimed at supporting state and local infrastructure projects.

Bond projects to begin as a result of the HEPC will include a science center at West Liberty University, a visual arts and studio building at Shepherd University, the Biotechnology Development Center and Applied Engineering Complex at Marshall University, Multi-Function Health and Wellness Education Center at Glenville State College, West Virginia Research and Technology Park capital improvements, Old Main renovations at WVU Institute of Technology and Wallace Hall renovations at West Virginia State University ...

Water and sewer improvements could be on tap for Parkersburg residents this summer, the result of last year’s water-rate increase. In
See What You Should Be Missing

Call Before You Dig - It's the Law in West Virginia

1-800-245-4848

48 Hours Notice Required
Miss Utility of West Virginia, Inc.
Underground Notification Service for Members
January Parkersburg City Council considered the first reading of an ordinance authorizing $5.8 million in water and sewer system improvements. The ordinance is a request to begin Phase II water and sewer system improvements that were the subject of last year’s rate increase.

Last May, city council approved a request for a year-three, step-rate increase. Utility board officials said the increase was needed to provide improvements to the city’s outdated water and sewer systems. According to the ordinance the Parkersburg Utility Board will borrow $5.8 million to replace and upgrade approximately 60,000 feet of galvanized steel and cast iron water lines throughout the area.

The funds were expected to be used to replace about 50,000-linear-feet waterline, but bids for the work came in nearly $1 million less than anticipated. C.J. Hughes Construction Company, Inc., Huntington, was the low bidder on the contract, which bid in December. Work is expected to start by April ...

The Raleigh County Board of Education was awarded a $1.5 million check from Massey Energy in January to be used for the new Marsh Fork Elementary school. Massey Energy’s CEO Baxter Phillips presented the check, saying it was important to hold up their end of the bargain. Phillips said it was an honor for him to give the check. School Board President, Rick Snuffer, said without Massey’s financial backing the new school wouldn’t be a possibility.

The project is being designed by Williamson Shriver Architects, Inc., Charleston. The final piece of funding for the new Marsh Fork Elementary School in Raleigh County was received in January. Massey Energy presented the school board with a $1.5 million donation for the $8.5 million project. The project leveraged public and private sources to replace the existing school which is located in close proximity to a coal mine. Rendering provided by Williamson Shriver Architects, Inc., Charleston.

■ Construction at the Dow Technology Park in South Charleston is beginning. The project is the first of many to convert the existing compound into the West Virginia Research and Technology Park. The addition and renovations to Building 2000 bid on February 8. BBL-Carlton, LLC, Charleston, submitted the $24,855,000 low bid, followed by P. J. Dick, Inc., Pittsburgh, PA, at $26,245,000, and G & G Builders, Inc., Scott Depot, at $28,450,000. Chapman-Martin Excavation, Inc., Huntington, received the site work contract for their bid of $787,000 ...

■ Work is expected to begin soon on a project to reduce flooding in the Island Creek basin in Logan. The U.S. Army Corps of Engineers announced at the end of January that it issued a notice to proceed with the project. The Corps says 3,600 feet of Island Creek upstream from its confluence with the Guyandotte River will be widened to 80 feet. A $5.8 million base contract has been awarded to Heeter Construction, Inc., Spencer. Several major floods have occurred in the creek basin in the last few years ...

■ Crews with March-Westin Company, Inc., Morgantown, have begun erecting steel for the new Monongalia County Sheriff’s Department. Since August, crews have been pouring concrete for the building’s foundation, walls, stairs and elevator shafts. Despite losing a couple days due to bad weather, the project is expected to finish on schedule in October and close to the expected $8 million cost. The new building’s proximity to the PRT track coming from the Walnut Street station at the station...
When you need help with construction related legal matters, you want a firm that understands the industry and has the know-how and experience required to provide cost-effective solutions. Daniels Law Firm, PLLC focuses on meeting the legal services needs of construction businesses in West Virginia and surrounding states. Our firm represents a broad spectrum of clients, including heavy highway, utility and building contractors, coal mining companies, and construction suppliers. We offer a wide range of services and can handle almost any type of legal problem for our clients. We excel in these and other areas:

- Construction law
- Corporate and business law
- Government contracts
- Commercial and civil litigation
- Arbitration and mediation
- Business and tax planning
- Insurance litigation
- Wills, trusts and estates

Our attorneys can handle virtually any legal problems your business may encounter. Please call us at 304-342-6666, if we can be of assistance.

In addition, the firm is engaged in a diversified civil practice and represents clients from all areas of the business community. Daniels Law Firm is a member of the following organizations:

- Contractors Association of West Virginia
- Associated Builders & Contractors, Inc.
- West Virginia Coal Association
- National Utility Contractors Association
- West Virginia Rural Water Association
- West Virginia Society of Certified Public Accountants
- American Arbitration Association

Daniels Law Firm, PLLC, BB&T Square, 300 Summers Street, Suite 1270, Charleston, WV  25301
Phone (304) 342-6666 – www.danielslawfirm.com

Offices in Kentucky, Virginia and West Virginia
CALENDAR OF EVENTS

is anticipated to cause some difficulty as construction progresses.

The current sheriff’s office is located across from the Walnut Street PRT station, between Pleasant and Walnut streets. Monongalia County Sheriff Al Kisner said the current building is almost 130 years old and was originally built as the Sheriff’s residence. "Really, as of now, it is just rooms we’ve been able, over the years, to separate out of necessity and use as office space," Kisner said. The old building will either be torn down to make room for parking or will be included as an addition to the courthouse. The county has yet to make a final decision, Kisner said ...

- An Australia-based institute plans to give American Electric Power $4 million to support a commercial-scale carbon dioxide capture and storage project in West Virginia. Columbus, Ohio-based AEP said Wednesday that the funding from Global CCS Institute will support installation of the system at the utility’s coal-fired Mountaineer power plant in New Haven. The system is projected to cost up to $334 million. AEP says the U.S. Department of Energy is funding half the costs. The utility is discussing the project with other potential international partners. AEP says the system will begin commercial operation in 2015. It will capture about 1.5 million metric tons of carbon dioxide annually. The carbon dioxide will be stored about 1.5 miles below the surface ...

- The Berkeley County Board of Education is considering a proposal to allow the construction of a public recreation center on the campus of Musselman High School. The recreation center is proposed to be built with money that Powerball jackpot winner W. Randy Smith has contributed to an endowment fund that he established with the Eastern West Virginia Community Foundation. The recreation center would be built on about three acres of the high school campus, which is about 50 acres, according to Superintendent Manny Avron. The high school campus was one of three sites considered. Proposed to be about 18,000 square feet, the project could cost as much as $1.5 million. The Parks and Recreation Board is currently advertising for architectural services. Firms have until March 2 to submit information.

We’re Moving The Earth For You!™

When it comes to excavation, grading, utilities, coal mine development and other site work, Vecellio & Grogan will “move the earth” to complete your project on-time and within budget.

Sure, we’re known for our expertise in tough public works projects, such as heavy/highway and bridge construction. But we serve our private-sector customers with the same commitment to high quality results.

We’re experienced. We’re competitive. We’re Vecellio & Grogan.
Attention: Construction & Design Industry!

32nd Annual West Virginia Construction & Design Exposition

March 23 & 24
Charleston Civic Center

Free online registration!
wvexpo.com
or call 304-342-3976

Great opportunities to network with the industry’s finest.
Proudly Serving Greenbrier County

Boxley’s concrete plant is now open in Lewisburg and delivering quality products.

HC 40 Box 49, Lewisburg, WV 24901
Toll Free: (800) 323-8338
Main Number: (304) 392-5639
Fax Number: (304) 392-5642
Sales: Doug Canterbury, (304) 646-8118

Aggregate · Asphalt · Block · Concrete
For more information, call (800) 442-8878 or visit boxley.com

PROFESSIONAL DIRECTORY

For 74 years, “The Voice of Construction in the Mountain State”
To advertise in this space contact Lindsay Stephens at (304) 342-1166

P.O. Box 3108
3601 7th Avenue
Charleston, W.Va. 25331
(304) 744-5314
(800) 642-8998 US WATS

683 Hornbeck Road
Morgantown, W. Va. 26508-2472
(304) 296-7438

1221 Hedgesville Road
Martinsburg, W. Va. 25403
(304) 262-8103

G. A. COVEY ENGINEERING
www.coveyengineering.com
Engineering, Surveying, Quality Control and Environmental Services

DOUGHERTY COMPANY INC celebrating 100 years

Mechanical Contractors
PO Box 1828 • Charleston, WV 25327 • 304-925-6664
WV Contractors License: WV034016
PROFESSIONAL DIRECTORY

DYNO Nobel
Explosives and Blasting Services
(Formerly MT. STATE BIT SERVICE)
Paul (Skeeter) Laskody, Jr.
Morgantown, WV
859-940-8439
paul.laskody@am.dynonobel.com

Groundbreaking Performance

Famco, Inc.
GENERAL CONTRACTORS
RICHARD C. SMAILES
President
HUNTINGTON, WV 25716
WV CONTRACTORS LICENSE: WV 000408

SINCE 1946
CONSTRUCTION FABRICS
FIBRE FORMS - 8" TO 42" DIAMETER
POLYFILM - CALCIUM CHLORIDE
CURING COMPOUNDS
WIRE MESH - REBAR - NAIL STAKES
SIKA CHEMICALS
MASTER BUILDERS PRODUCTS
ROOF DECK - FORM DECK

C&R Materials, Inc.
8696 Cotter Street
Lewis Center, OH 43035
(614) 733-0500

Contact us

CONSTRUCTION NEWS 41
CONTRACTORS SUPPLY CORP.
SINCE 1946
1 24th Street
P. O. Box 6587
Wheeling, WV 26003
(304) 232-1040
(304) 232-1137 Fax

• CONSTRUCTION FABRICS
• FIBRE FORMS - 8" TO 42" DIAMETER
• POLYFILM - CALCIUM CHLORIDE
• CURING COMPOUNDS
• WIRE MESH - REBAR - NAIL STAKES
• SIKA CHEMICALS
• MASTER BUILDERS PRODUCTS
• ROOF DECK - FORM DECK
LICENCED TO MILL!
Asphalt & concrete planing, profiling and deck scarification

DONEGAL

Construction Corporation
1-800-864-4206
1235 Marguerite Lake Road
Greensburg, Pennsylvania 15601

WV CONTRACTORS LICENSE WV025398

G&G BUILDERS INC

Donegal Construction Corporation
1-800-864-4206
1235 Marguerite Lake Road
Greensburg, Pennsylvania 15601

WV CONTRACTORS LICENSE WV01401

Greer Industries, Inc.
Providing Quality Limestone and Lime Products
To West Virginians Since 1917!

Crushed Stone • Agricultural Limestone • Asphaltic Concrete
Greer Limestone Plant:
304-296-2549
Route 7, Southeast of Morgantown

Scary Creek Stone Yard:
304-755-2809
9 Orders Drive, Winfield

Pebble Lime • Hydrated Lime • Rockdust • Crushed, Glass & Chemical Stone
Greer Lime Plant: 304-567-3001
Route 33, Riverton

Sales Office: 304-296-1751
Canyon Road, Morgantown

www.greerindustries.com

PROFESSIONAL DIRECTORY

Fox Engineering, PLLC
Setting goals, Raising standards
Phone: (304) 372-3705
Fax: (304) 372-4100

G&G BUILDERS INC
Steps above the Standard
General Contractor • Construction Manager • Design Builder
500 Corporate Centre Drive, Suite 550 • Scott Depot, WV 25560
304-757-9196 • 304-757-0993 fax • www.gandgbuilders.com

H&J Supply
Your Local Supplier for: Pipe, Valves, Fittings, Hydrants, Storm Drain... and much more!

WATERWORKS

West Virginia Locations

Dunbar 304-768-0088
Martinsburg 304-263-6986
Stonewall 304-626-3090

At MCS Construction we support Creative Ideas.
Join us in building a better West Virginia.

MCS

Maynard C. Smith Construction Company, Inc.
P.O. Box 11800 • Charleston, West Virginia 25329-1800 • 304-925-3170 • www.mcsconstructionwv.com

.encoder:~W3001
Martin Marietta Aggregates

Branches:
- Burning Spring Mine (Parkersburg-Rt. 50) Charleston
- Institute
- Manheim (Clarksburg-Grafton) New Martinsville
- Parkersburg
- Ravenswood
- St. Marys
- Apple Grove, OH
- Wheeling/Martins Ferry, OH

LIMESTONE • SAND • GRAVEL
BY TRUCK, BARGE OR RAIL
300 Star Avenue, Suite 312
Parkersburg, WV 26101
(304) 485-7341
Charleston (304) 343-4571
PROFESSIONAL DIRECTORY

E.L. ROBINSON
ENGINEERING COMPANY
the Challenge. the Choice.
Engineering - Landscape Architecture
Surveying - Construction Inspection
Serving West Virginia, Kentucky & Ohio
1-800-856-6485 www.elrobinson.com

S M H Construction Co., Inc.
P.O. Box 1912
Beckley, West Virginia 25802-1912
Sumith P. Hapuarachy Residence: 304/253-7610
President Office: 304/877-6451
WV 000572

TEAYS RIVER CONSTRUCTION
MAILING ADDRESS:
P.O. Box 429
Institute, WV 25112-0429
Location: 575 New Golf Mountain Road
Institute, WV 25313
Phone: (304) 776-0448
Fax: (304) 776-0451

Contractors License #WV006833

FULL SERVICES FOR THE CONSTRUCTION TRADE

- Survey
  Crews Based In Clarksburg, Charleston
  and Oakland, MD

- Materials Testing
  AMRL Certified Labs in Clarksburg
  and Beckley

304-624-4108
thrasher@thrashereng.com
Shamblin Stone, Inc.
For Fast Courteous Service

Providing the following state specification materials

- Sand
- Cinders
- Gravel
- Bedding Materials
- Limestone
- Salt

Trucking & Barge Unloading
Ohio and Kanawha Rivers

WVPSC F5906
WV CONTRACTORS LICENSE: WV 004152

Wilson Island, Dunbar, WV Port Amherst, WV
Rt. 61, Marmet, WV Hugheston, WV
RT. 35-Scary Creek Robertsburg, WV

304-766-7316/FAX 766-7325
"We're the ones with the clean trucks"
Cash is king – Make more money & spend less with Hyundai 9 Series machines.

- More Standard Features
- Industry-Best Total Coverage Warranty
- Hi-mate Remote Management service – FREE for 3 years
- Industry-Leading Fuel Economy
- Industry-Leading Cycle Times

WEST VIRGINIA TRACTOR COMPANY
CONSTRUCTION, MINING, MUNICIPAL & INDUSTRIAL EQUIPMENT
(304) 346-5301 • www.wvtractor.com

HYUNDAI
CONSTRUCTION EQUIPMENT AMERICAS, INC.
www.hyundaiamericas.com
100% performance (using 25% less fuel*)

Komatsu

Being the best is never good enough. Just as you're always looking for ways to grow your business, Komatsu is constantly working to improve the tools of your trade. We have a long history of innovation across all our lines of heavy equipment and a long list of dedicated customers who count on these innovations as a competitive edge.

- Pushes larger loads
- Reduced operating costs
- Easier serviceability
- Improved operator comfort

Put the best the industry has to offer to work on your next job, and discover your competitive edge.

100% Komatsu.

*RCompared with our conventional model

Rish Equipment Company

Airport Road Near U.S. 52
Bluefield, WV
304-327-5124

Route 33, St.
Athens, WV
304-755-3311

294 George Street
Beckley, WV
304-255-4111

1601 H剥离 Loop
Bridgeport, WV
304-242-3511

Route 72, Wise Mountain Road
Ceredo, VA
270-395-6301

181 Frostburg Ind. Park
Frostburg, MD
301-589-2211

Yuma Camp on Route 44
Logan, WV
304-762-5313

917 Cassilir Boulevard
Chesapeake, VA
757-465-2100

5731 Glenmary Drive
Salts, VA
540-369-2980

1416 West Hundred Road
Chester, VA
804-740-8411

10214 Fayetteville Road
Bealeton, VA
540-439-6868

66 International Lane - Suite 102
Staunton, VA
540-887-8821