

## Sandy Forks Road Widening Project

*Trey Clement, Grading General Superintendent*



*Filling excavated road widening section with recycled ABC from RDU*



*Sunrock crews cutting out a section of Sandy Forks Road to be widened*



*Placing fill dirt that was cut from Bioretention pond to build shoulders and slopes on Sandy Forks Road*

On January 5<sup>th</sup>, the Contracting Division started the Sandy Forks Road Widening Project for the City of Raleigh, which consists of the widening and rehabilitation of Sandy Forks Road between Six Forks Road and Falls of the Neuse Road. The project adds curb and gutter, bicycle lanes, and sidewalk along both sides of the roadway. The project provides improved storm drainage systems, including three bioretention basins, one of which is in the roadway median. The project also provides upgrades to the water distribution system and the existing traffic signals.

The project is an 18-month job that is 1.3 miles long, and has 6.8 acres of clearing and grubbing, 40,000 square yards of asphalt paving, 23,000 cubic yards of unclassified excavation, over 3,500 feet of curb and gutter, 8,000 square yards of sidewalk, 7,000 feet of storm drain pipe, 3,200 feet of waterline, erosion control, landscaping, and pavement markings; making it the largest grading project the Contracting Division has tackled to date.

Another noteworthy fact about this project is that it is the first Greenroads certified project in North Carolina. The Green Roads Foundation promotes environmental stewardship, account-

ability, integrity, and sustainability for transportation projects. Sunrock was chosen to build this project largely in part for our ability to utilize materials that we have recycled. This includes utilizing waste materials from this site, which will be processed and reused in the aggregates and asphalt that we will be placing later on in the project.

The Project Team consists of Randy Talley (Estimator and Project Manager), Bud Elliott (Project Superintendent), Robert Mann (Assistant Superintendent) and John Hunt (Pipe Foreman). These gentlemen will have the challenge of navigating through the various phases of the project, and coordinating the relocation of miles of underground cables, gas lines, and utility poles in order to clear the way for our crews to install the vast infrastructure improvements of this project, while maintaining the constant flow of traffic that never seems to lessen.

This is a very high profile project due to its complexity, the volume of traffic that travels through the project, and because it is the first Greenroads Project in North Carolina. We are very excited to have this opportunity to demonstrate to the community what Sunrock's Contracting Division can do.





## Lindsay Precast Company

Greg Johnson, Market Manager

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Lindsay Precast is a family-owned, U.S. based concrete manufacturer with an extensive line of precast products serving the market for over 50 years. Lindsay offers over 200 precast concrete products with operating plants in Ohio, Colorado, Florida, and North Carolina. Since the early 2000's, Sunrock's Kittrell Quarry has been a dedicated supplier for Lindsay's operation in Franklinton N.C. Sunrock has also supplied large amounts of stone for Lindsay's many buildings and storage expansion projects over the years. Last year, Sunrock shipped over 14,000 tons of aggregate to Lindsay for use in its concrete mixes to make precast products. Mutual respect is a good way to describe Sunrock's partnership with Lindsay Precast. We look forward to a continuing partnership in the future.



## Brier Creek Continues to Grow

Cullen Ports, Market Manager



The current growth in the Triangle Area continues to impress on all of us that are in the "business". Everywhere we live, work and play, there are signs of new construction around every corner.

The Brier Creek area has been a successful development. With all of the commerce located in such a small area, naturally the housing and multifamily trend has been quick to follow into such

an inviting environment. As the population has continued to grow in the Brier Creek Community, the need for different types of healthcare facilities has also grown. As one of the leaders in healthcare construction, Brasfield & Gorrie is the general contractor of choice on the job, located on the corner of Skyland Ridge Pkwy and Brier Creek Pkwy.

The Civil Group is the site contractor on the job. From the rough grading all the way to the utilities, The Civil Group aims to ensure client satisfaction with a professionally prepared site. Sunrock's aggregates were chosen and will provide years of sustainable use.

Sunrock is proud to be partnering with Citadel Contractors to construct a concrete tilt up building that will be known to the public as Triangle Orthopedics. Citadel is a leader in "Tilt up Construction" and innovation in that market. From the slab on grade, tilt panels and casting slab, Citadel pays close attention to ensure a finished product that we can all be proud to be a part of.

From all of us at Sunrock, we would like to thank the companies mentioned above. We are excited and proud to be partners with you.

### Contributor List:

Cullen Ports  
 Chris Petrone  
 Gregg Bowler  
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 Trey Clement  
 Yolanda Melvin



## Triangle Business Park

Chris Petrone, Market Manager



**T**riangle Business Park is a project, adjacent to Research Triangle Park, located near Stirrup Creek Drive in Durham, North Carolina. Edwards Construction was the General Contractor for this project, which involved the construction of a 120,000 square foot tilt up warehouse. Seretta Construction, a Charlotte based company that specializes in tilt-wall projects, served as the concrete finisher. Seretta hired Sunrock as the material supplier for this project. Sunrock supplied concrete and stone for several 500-yard slab pours and several large panel pours. The concrete for this project was supplied from Sunrock's Muirhead Distribution Center and the stone was delivered from our Butner Quarry. A long-standing customer of Sunrock, Seretta has been doing business with us for over ten years. Seretta is currently bidding on several large facility construction projects in Wake and Durham Counties due to our region's improved market conditions. We look forward to future partnerships with Seretta as it continues to grow in this market.

## Sunrock Continues to Improve Fleet Efficiency and Productivity

Leigh Dennis, Fleet Manager



**T**he signs of economic recovery are everywhere. For Sunrock, one primary indicator is that customers are demanding more of our quality products and services. In order to keep pace with our customers' needs, our plant production, deliveries, and fleet utilization are steadily increasing. And with a thorough commitment to our core values, Sunrock's leadership is positioning the company to be a key player in the region's economic recovery now and well into the future.

As part of our company's commitment to provide the highest level of customer service, Sunrock's executive management team has been working to upgrade the mobile fleet. For the last four years, proactive investment

in our vehicles and equipment has been an integral part of our operating plan. Embracing the latest technologies helps us get better at what we do, so this type of investment signifies our leaders' commitment to the success of Sunrock employees. New trucks and mobile equipment are being assigned to all divisions throughout the company. 2016 will continue to bring about many notable fleet upgrades and additions.

2015 saw an influx of new arrivals to the fleet and the list was impressive. In order to improve mobility and reliability, executive management assigned new pickup trucks throughout the company. Six Western Star 4800 twin steer mixer trucks and a Heil cement trailer were added to Ready Mixed Concrete's fleet. Kittrell Quarry upgraded a significant portion of its fleet with the addition of a Liebherr R980 mass excavator and two L580 wheel loaders. Butner Quarry began utilizing a Komatsu PC490 excavator with an Allied hammer and a Caterpillar 972M wheel loader. New Caterpillar wheel loaders could also be seen at asphalt and concrete plants in North Raleigh, MDC and RDU. The Contracting division added a Volvo EW210D wheeled excavator and PF2181 paver, a John Deere 210G excavator, a John Deere 544K wheel loader and a Caterpillar 262D skid steer loader. Additionally, the shop improved its capabilities with the arrival of a new Kenworth T370 service truck.

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As part of the 2016 master plan, vehicles, and equipment are spec'd with the latest available technologies that provide greater operator productivity, comfort, and operating efficiency. Real time monitoring and reporting of machine utilization, product quantities, and system health are also prime concerns in the specification process so, telematic systems (what we once referred to as "GPS"), are included in specifications whenever they are available. However, machine location via GPS is only a part of the data we receive now. Some new machines have as many as eight on-board computers that control and monitor various operations. Data transmitted from these units can be downloaded from secure servers and processed to provide managers with information that can help them determine how efficiently and safely machines are being operated. Location, speed, run time, idle time, fuel use, trouble codes, and safety alerts are all included in the data streams. Real time reporting from these systems improves production and lowers operating costs.

The Intercompany Haul division just received two refurbished Mac aluminum dump trailers and is expecting six 2017 Western Star 4700 tractors in the very near future. These trucks will be powered by the same Detroit Diesel engines and Allison transmissions that are in the Western Star 4800 mixer trucks. This process of fleet standardization will streamline operations and reduce operating costs. Because the Western Star trucks are so alike, it will be much simpler to cross train drivers from different departments. It will also reduce the shop's parts inventory and technician labor costs because many of the parts and maintenance procedures are the same. The new trucks will also come equipped with Detroit Diesel Virtual Technician, an on-board diagnostic and communication system that will provide the data necessary to assist managers in keeping these trucks running at the highest levels of efficiency.

The Recycling division recently took delivery of a McCloskey I44 mobile crusher and is also expecting an S190 screen plant, a tracked conveyor, and a new Caterpillar excavator. These machines are spec'd to operate together at maximum efficiency thereby improving production and reducing cost. Kittrell Quarry is expecting a new McCloskey J55 jaw crusher to use until the main plant is upgraded.

A 2016 Caterpillar D6T-XL dozer with triple-shank ripper is in use at our quarries and plants. Powered by a Tier-4 Final engine and equipped with the latest electronic controls and telematic data reporting system, it is a model of power and efficiency. This machine has been a welcome addition to production operations in Kittrell, MDC, and Butner.

The Contracting division recently upgraded their truck fleet with the addition of two asphalt crew service trucks and a flatbed truck. With the addition of a second John Deere 210G excavator and John Deere 544K wheel loader, Hamm asphalt roller, and Wacker trench roller, their capabilities continue to expand. The division now has four Deere machines reporting utilization, fuel efficiency, and diagnostic alerts through the JD Link telematic system giving project managers the tools to control costs and a decisive edge over the competition.

Our new trucks and equipment are designed with ergonomics in mind. Keeping drivers and operators comfortable and refreshed during those busy days and nights is important. Increasing safety and fuel economy, as well as reducing exhaust emissions, are also primary concerns. And as technologies continue to advance, drivers and operators must have greater familiarity with new units in order to take advantage of all of the latest features and improvements in design. This is achieved by scheduling dealer experts to provide onsite training to supervisors and operators before new trucks and equipment are operated.

The economic recovery is upon us – the signs are everywhere. We are looking forward to a bright future of company growth with a fleet engineered to provide the highest level of production efficiency and operator comfort. But hey, hasn't keeping a step ahead of the completion always been a defining attribute of Sunrock?



# Employee Appreciation Month

Gregg Bowler, CFO

During the month of May, Sunrock recognized all of our Employees for their efforts and contributions during the past year. We celebrated this at our various locations with lunches or breakfast for all of our employees. Our Stakeholders group led the appreciation events and provided employees with an overview of the company highlights, including: current expansion projects, growth in our employment levels and opportunities, the improvement in the region's business activity and our outstanding safety perfor-



mance in 2015. In addition, our employees spent time interacting with one another as well as discussing items with the management team. All employees received our new style t-shirt, an appreciation gift, and were able to participate in the company raffle with a grand prize of a 49" LED TV, which was won by Jackie

Foster. Other prizes included a HP laptop, a Windows tablet, men's and women's watches and several family fun items. A special thank you to Sherry Lloyd, the Stakeholders, and the HR & IT departments for their extra efforts to make these events possible. As we continue to grow and work together in a safe environment, we all need to focus on and execute the Sunrock Core Values. On behalf of the Executive team, we truly appreciate your hard work and dedication in making Sunrock a great place to work.



Clinton Brewer



William Manson



Ronnie Sigmon



Travis Keeton



Mike Moss



Mike Heitzman



Jackie Foster



# Employee Appt

Contract



**Butner**



**MDC**



**Kittrell**



**RDU**





# Appreciation Meals

ing



Corporate



ODC



North Raleigh





## Pit & Quarry Magazine-2016 Crushed Stone Mega Producers

Sunrock is proud to announce it has been ranked the 34<sup>th</sup> largest crushed stone producer in the United States for 2016 by the PIT and QUARRY Publication. As our

business has grown over the past few years, we have jumped from the 62<sup>nd</sup> largest producer in the nation. The significant rise in the rankings reflects our success as a team and the ability

to service the needs of the strong local economy. Congratulations to all of our employees.

### Kittrell Quarry Development

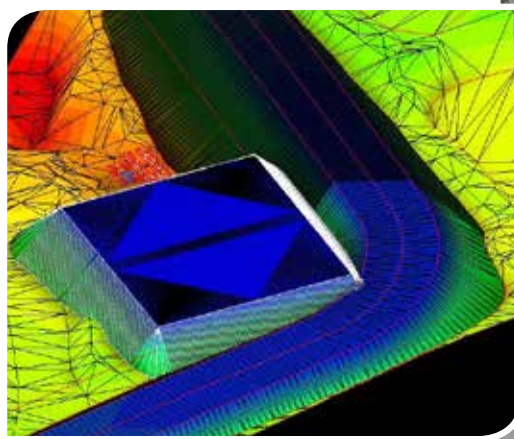
*Oleksii Andriichuk, Process Engineer*

Development at Sunrock's Kittrell Quarry, conveniently located on Route 1 North in Vance County, began in the early 2000's. Exploratory drilling showed a granite deposit with unlimited depth. With its excellent construction aggregate characteristics, a concrete plant and asphalt plant were soon erected to compliment the quarry.

The current configuration of the plant was designed to be temporary, until the primary crusher location could be developed and a finishing plant designed. However, as construction slowed in the late 2000's due to the economic downturn, Sunrock decided to continue using the plant's current configuration.

More recently, due to increased customer demand and growth at Sunrock, planned development has resumed. With the help of new GPS technology and modern processes of design, 3D images display what the primary station would look like and where the best location would be. Every quarry possesses its own unique challenges and Kittrell is no exception. Being long and narrow, the flow of material and utilization of space is paramount. Material will be conveyed almost a mile out of the pit to its stockpile location near the scalehouse for ease of customer pick-up. We believe the planned improvements to the quarry operation will benefit not only Sunrock, but also the Greater Raleigh area based on our increased ability to distribute quality products to our growing number of customers.

An interesting historical fact about Kittrell is that construction on the existing CSX rail line was started in 1836. This rail line provided connection from Raleigh, NC to Richmond, VA and played a major part during the Civil War. Troops were supplied with fruits, vegetables, and weapons via this line and you can still see the original structural supports for the railroad bridge on either side of Sunrock Road as you enter the quarry today.



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## Sunrock Safety Awards

Jason Jude, Manager Safety and Health

On June 2, 2016, the N.C. Department of Labor, at its annual Safety Awards Banquet, recognized nine Sunrock divisions for their outstanding safety performance for 2015. To qualify for the Safety Award, each operation must have an incidence rate at least 50 percent below the average for its particular industry group.



### *Operations received the following Safety Awards:*

- Butner Quarry-1<sup>st</sup> Year Gold
- Butner Shop-1<sup>st</sup> Year Gold
- Contracting Division-1<sup>st</sup> Year Gold
- Corporate HQ-2<sup>nd</sup> Consecutive Year Gold
- MDC-2<sup>nd</sup> Consecutive Year Gold
- ODC-3<sup>rd</sup> Consecutive Year Gold
- Interplant Haul-3<sup>rd</sup> Consecutive Year Gold
- Wooddale Quarry- 5<sup>th</sup> Consecutive Year Gold
- Kittrell Quarry-6<sup>th</sup> Consecutive Year Gold



Congratulations to the nine divisions receiving these Awards! Sunrock takes great pride in our accident-free workplace. The above Awards are a reflection that our “Do the Right Thing” culture promotes a safe working environment.



## Field Recruiting

Yolanda Melvin, Human Resources Recruiter



As Sunrock continues to grow so does the need to expand its recruitment efforts. As part of our outreach, our HR Department is targeting local recruiting events. On February 17, 2016, we attended our first job fair for the year at Bennett College, a Historically Black College and University, which was held in Greensboro and hosted by NCDOT. Many college students from the Triad area and construction companies within the surrounding area attended along with NCDOT representatives. The goal of the event was to gather as many internship candidates as possible, representing diverse groups and connect them with employers in the construction industry. The second job fair attended by Sunrock was held at Wake Technical Community College on March 30, 2016. The goal of that event was to join internship candidates, as well as upcoming

graduates, with companies recruiting for heavy equipment operators and mechanics. Leigh Dennis, Fleet Manager, along with me, the HR Recruiter, were in attendance providing background information on Sunrock and our industry.

### Sunrock also attended the following job fairs:

- NC Works Employment Security Commission in Raleigh and Oxford
- Durham Technical Community College Job Fair in Durham (Ron Taylor, Concrete Operations Manager also attended)
- OJT 1<sup>st</sup> Annual Winter Workshop in Winston-Salem
- Fayetteville Training Academy - NCDOT-OJT "Mock Interviewer" at Shaw University CAPE Center in Fayetteville
- Highway Construction Academy – Opportunity Industrialization Center in Rocky Mount

***Our attendance at future job fairs will focus on surrounding trucking schools and military veterans to help fill our employment needs.***

## Technology Tips to Maximize Workplace Efficiency

Jim Malone, IT Systems Administrator

### Have different passwords for different security levels.

If you have only one password across all of your accounts, you put all of those at risk if one account becomes compromised. The stakes can be high at work, where you may be dealing with sensitive client and/or employee information.

### Get To Know Your IT Policies

Spend some time reading the IT policies for your work place. Although there are common threads across most businesses, there will be some nuances that are particular to your job and working environment. Your employer is entitled to monitor your IT use if explicitly stated within the employer's company policy. Being familiar with what you can and cannot do may, at the least, save you a little bit of embarrassment, and even save your job.

### Use the automatic save feature in Microsoft Office to protect your projects.

There are times when Microsoft Office closes a program before you can save changes to the file you are using. If the power goes out or if one of your programs stops working, you could lose part of the file you were working on.

The automatic save feature allows you to save your work more frequently than every fifteen minutes. To enable the automatic save feature, click File, Options, Save and make sure the Save AutoRecover information every x minutes is selected.

### Printer Supplies

If you happen to run the printer out of toner or ink, do not leave it for someone else to replace. Do it yourself. If you end up using the last of the printer supplies from the stock cupboard, make sure you tell or email the person responsible for ordering replacements. Don't assume that someone else will do it. The same goes for paper and/or if you see any unusual flashing lights on a printer (they usually mean something).

### Large Print Jobs

If you are going to send a large print job to a printer that will tie it up for more than a few minutes, when possible, do this:

- print on a printer that is rarely used, so it will not be noticed;
- print at a time when others won't mind;
- print after you've given your colleagues a warning.



# SUNROCK<sup>®</sup> VALUES

Opportunity for ALL  
Team Members

Do the  
Right Thing



The Market  
is Boss

Excellence through  
Integrity, Execution, Innovation

## Excellence through Integrity, Execution, Innovation

- This is the foundation of our shared Sunrock values, and ultimately, our success. To us, excellence means **best in class**.
- At Sunrock we achieve excellence through integrity, execution, and innovation in our work.

## Do the Right Thing

- We believe our commitment to excellence is achieved by consistently acting in ways to ensure we do the right thing.

## The Market is Boss

- We understand that the market dictates many of our business decisions as well as demand for our products and services.
- Understanding and respecting this principle reinforces our commitment to excellence through integrity, innovation, and execution.

## Opportunity for ALL Team Members

- At our core we believe that all team members should have the opportunity to learn, contribute, make a difference, and have a solid future at Sunrock.



## CONTACT INFO TO KNOW

### SUNROCK LOCATIONS

#### **Corporate Office**

Carolina Sunrock LLC  
200 Horizon Drive, Suite 100  
Raleigh, NC 27615  
919.747.6400

#### **Operations & Development Center**

PO Box 25  
500 Sunrock Drive  
Butner, NC 27509  
919.575.4502

#### **Butner Quarry**

100 Sunrock Drive  
Butner, NC 27509  
919.575.6010  
Aggregates.Concrete

#### **Durham Facility (MDC)**

1503 Camden Avenue  
Durham, NC 27704  
919.688.6881  
Aggregates.Concrete.Asphalt

#### **Woodsdale Quarry**

5280 Woodsdale Road  
Roxboro, NC 27574  
336.599.4147  
Aggregates

#### **North Raleigh Facility**

5043 Unicon Drive  
Wake Forest, NC 27587  
919.554.0500  
Concrete.Asphalt

#### **Kittrell Quarry**

214 Sunrock Road  
Kittrell, NC 27544  
252.433.4617  
Aggregates.Concrete.Asphalt

#### **Raleigh Facility (RDU)**

8620 Barefoot Industrial Drive  
Raleigh, NC 27617  
919.861.1860  
Concrete.Asphalt.Recycling

#### **Zebulon Facility**

Eastern Wake Facility  
1524 Old US 264  
Zebulon, NC 27597  
919.269.2200  
Concrete

#### **Contracting Division**

2116 Camden Avenue  
Durham, NC 27704  
919.956.9900  
Grading and Paving

### BENEFIT PROVIDERS

#### **Health & Vision Aetna**

PO Box 981106  
El Paso TX 79998-1106  
1.800.962.6842  
aetna.com

#### **Dental**

Principal Financial Group  
PO Box 10357  
Des Moines, IA 50306-0357  
1.800.247.4695  
principal.com

#### **401(k) Plan**

Principal Financial Group  
PO Box 2000  
Mason City, IA 50402  
1.800.547.7754  
principal.com

#### **Life, Short Term & Long Term Insurance**

Principal Financial Group  
Attn: Group Life and Disability  
Des Moines, IA 50392  
principal.com/groupplh  
1.800.245.1522

#### **Flexible Spending Account**

Health Equity  
15 W. Scenic Pointe Drive  
Draper, UT 84020  
1.877.713.7682  
memberservices@healthyequity.com

Employee Benefit Website Go to: [www.hrconnection.com](http://www.hrconnection.com)

[www.thesunrockgroup.com](http://www.thesunrockgroup.com)



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