



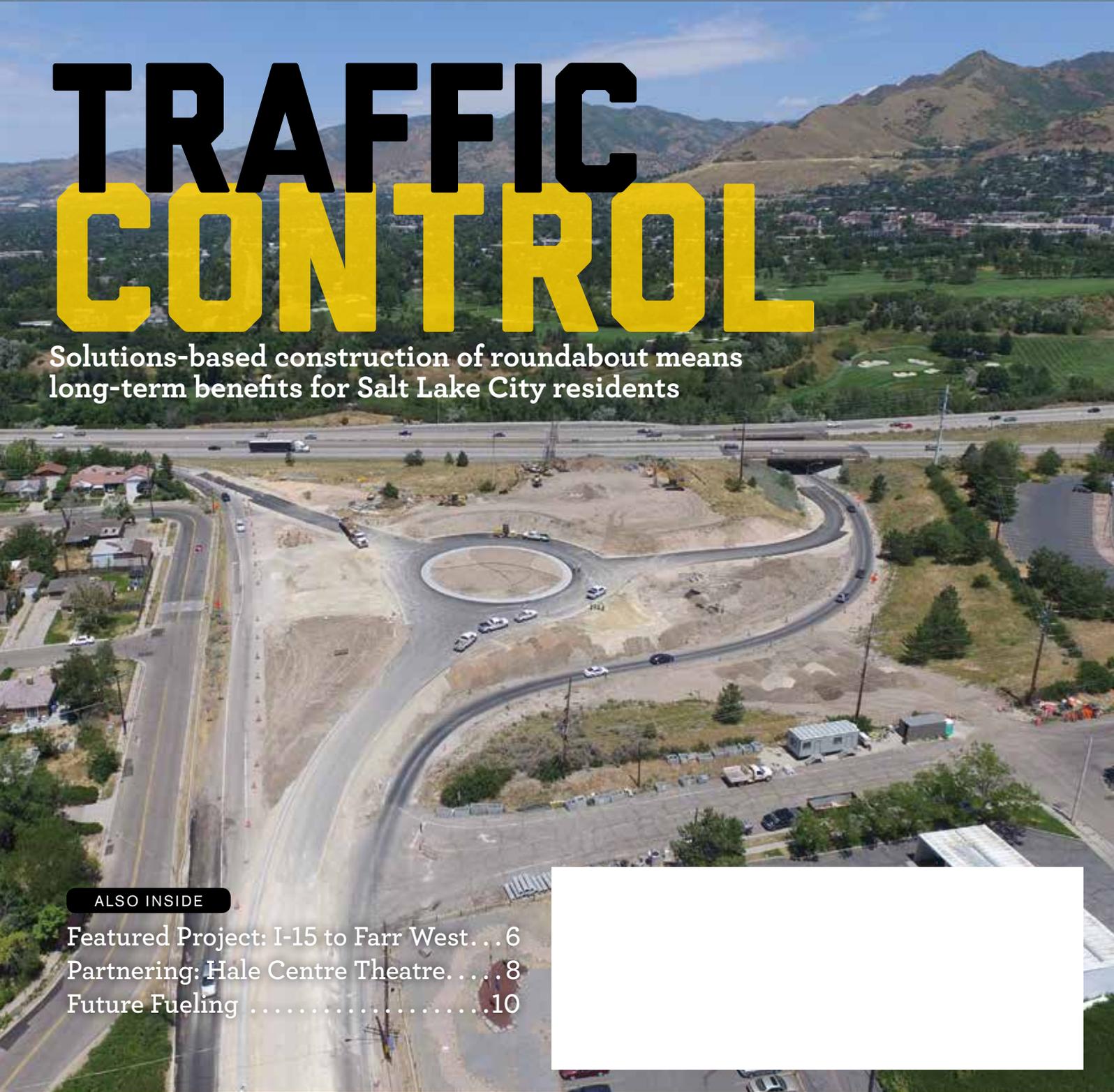
ROCKSOLID

WINTER 2016

A Publication from Geneva Rock Products, Inc.

TRAFFIC CONTROL

Solutions-based construction of roundabout means long-term benefits for Salt Lake City residents



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SUSTAINABLE BUSINESS

BY JIM GOLDING

The term sustainability has been thrown around frequently in the past few years, covering everything from green products and services to sustaining the balance of an ever fragile economy. My experience with this concept and the long-term success of a business, focuses on creating a business environment where needs, goals and opportunities of the future have the same value as the needs, goals and opportunities of the present-day.

At Geneva Rock Products – a company with six decades of trial, error and improvement under our belt – we focus on sustainability every day.

SUSTAINABLE DECISIONS

We experience two types of decisions on a regular basis. Routine decisions happen throughout the day and are given little thought, like choosing to follow the speed limit, recycling a soda can or making an extra follow up call to a customer.

Complex decisions happen infrequently and require information, research and group input — like deciding where to open your next office or investing in a new product line.

Making good decisions bring immediate value and offer long-term returns, extending the life of your organization. Take the time to make even routine decisions purposeful. Set a standard of “the higher path” with regard to customer service, environment and community building decisions. These small decisions do just a bit more to sustain your culture, your motivation and your brand.

My advice for making complex decisions that result in sustainable outcomes? Avoid unproven short-cuts, recognize a “want” from a “should,” and be prepared to sacrifice.

SUSTAINABLE PEOPLE

Early on, little thought was put into the value of human capital to a business. Not until the likes of William Edwards Deming did businesses see there were real costs in recruiting, training, developing, motivating and turnover. I see three key areas

where sustainability relates to the people we employ.

1- Making the company a sustainable career path for your most valuable assets. A fulfilling salary is only the start. Geneva Rock’s commitment, from the beginning, has been to value people. That means we provide top-tier benefits, a supportive, family-friendly culture and promote from within to make sure employees see, from day one, a clear career path within the company. We think this commitment is paying off; we currently have 166 employees who have worked at Geneva Rock for at least 20 years.

2- Keep employees productive and happy with an appropriate workload. This is one area where experience has proven there is a distinct tipping point. Quality employees who feel like their workload is manageable, attractive and challenging excel. Quality employees who feel like their workload exceeds their time allowances or mental capacity look for relief, usually outside the company, regardless of pay scale or bonus structure.

3- Give every employee power to innovate. At Geneva Rock, we reward those who take responsibility over their role. We believe the employee who is behind the controls often has the best perspective or feel of how to improve the work he or she is doing. For our businesses to be

sustainable, we have to elevate our work, and our employees drive that innovation.

SUSTAINABLE PRACTICES

In the past, businesses success was typically measured by profit. Pollution, waste and other side effects of uncontrolled business processes were ignored, but now have lasting effects on our communities.

Today, a business cannot expect to succeed without putting in place practices that sustain the resources they use and the services they provide.

Throughout my 32-year career with Geneva Rock, I have been impressed with the company’s commitment to sustainability, and its stewardship as a part of the greater community.

Countless initiatives have been implemented to make sure we are being the best neighbor possible. Recent examples include recycling asphalt and concrete product (millions of tons each year), installing a \$10 million conveyor system powered by renewable energy, utilizing a new 25-unit fleet of natural gas concrete mixer trucks, a natural gas filling station, and using recycled water in water cannons and other systems to reduce dust at quarry locations.

As we move into 2017, I am excited to continue our focus on sustainable business. It’s a responsibility all companies have, because it’s an obligation we all share as inhabitants of this amazing planet.



1.



3.



2.



4.

ON THE INSIDE

1. LARGE CONTRACTOR OF THE YEAR

Geneva Rock Products was recognized as the Large Contractor of the Year for 2015 by UDOT and AGC Utah.

2. EMPLOYEES AWARDED

Two Geneva Rock Products employees received top recognition at the 2016 Clyde Interchange Event – an annual business meeting for the Clyde Companies and its subsidiaries.

Casey Hawkins, area manager, received the Outstanding Leadership Award for 2015 and Maggie Powell, human resources manager, received the Outstanding Customer Service Award for 2015.

3. SAFETY IN ACTION

Geneva Rock Products was recognized earlier this year with the Gold Award from AGC Utah for maintaining an incident record more than 15 percent below the national average.

4. ASPHALT PROJECT OF THE YEAR

Geneva Rock's Little Sahara JV Project with DSB Construction was recognized as the Small Asphalt Project of the Year by the Utah Asphalt Pavement Association.

LEADERSHIP

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Superior Value and Results



TRAFFIC CONTROL

Solutions-based construction of roundabout means long-term benefits for residents

BY PHIL NORDQUIST, PROJECT MANAGER FOR GENEVA ROCK

All road construction is an investment in the future. Road reconstruction is often an inconvenient investment that requires patience for residents and local businesses. However, this patience is easier to find when the construction team communicates clearly, listens and responds to concerns and adjusts to problems with a solutions-based approach.

Such is the case with the road improvement project near 2300 East in Salt Lake City. Located in the heart of the Millcreek neighborhood, the road is a major thoroughfare and

is a major access point to I-80. The project, a joint venture between Salt Lake County and the Utah Department of Transportation, includes three new roundabouts to ease traffic flow, improved roads and new curb and gutter along areas previously without any.

My team at Geneva Rock, led by our superintendent Jim Jones and general foreman Jeremy Bjarnson, have worked on these sorts of projects numerous times. That experience means we are a great partner with the owners. Why?

Because anyone can complain about plans

or inform the owner of unexpected problems. At Geneva Rock, we focus on solutions. In fact, when we discover an issue, we circle the wagons, listen to everyone's experiences and find solutions. Then, we take all available information to the owners.

For example, on this project, Salt Lake City public utilities wanted to do some upgrades while we were digging up the road. When we started digging, we discovered a previously unknown sewer line, which was obviously important to the area. We worked through solutions that made the most sense for all

"THE CONSTRUCTION TEAM HAS BEEN VERY RESPONSIVE TO CHANGES AND ADAPTATIONS NECESSARY TO BUILD THE PROJECT AND TO WORK WITH THE ADJACENT BUSINESSES AND RESIDENTS. THEY NOT ONLY POP INTO MEETINGS WITH PROBLEMS, BUT THEY HAVE ALREADY THOUGHT THROUGH SOLUTIONS TO RECOMMEND."

ANDREA PULLOS

ROADWAY ENGINEERING MANAGER, SALT LAKE COUNTY

QUICK FACTS

2300 EAST PROJECT

OWNER: Salt Lake County and the Utah Department of Transportation.

START DATE: November 2015

COMPLETION DATE: December 2016
Estimated Cost: \$9 million

parties involved and limited any disruption to the overall timing of the project.

With this project, the payoff will be when the project is completed and the traffic flow engineers envisioned years ago is happening daily. Locals that were once inconvenienced by orange barrels, lane restrictions and traffic detours will benefit from ease of travel and a safer, more beautiful neighborhood in which to live and do business.

We look forward to the estimated completion date at the end of December 2016. We can't wait for the payoff and to have used our

resources, professionalism and experience to deliver the job the way the owner wants it.

That's what we strive for everytime. That is giving a full measure.

Phil Nordquist is a project manager with Geneva Rock and has been with the company since 2003 He is based in Geneva Rock's Murray location.



Phil Nordquist

WHAT THE OWNERS SAY

"Geneva Rock's experience has helped in many situations where the plans did not match field conditions, suggesting solutions that were viable and cost-effective."

- Guy Evans, Field engineer, TEA Group

FEATURED PROJECT: I-15 TO FARR WEST



COMMERCE CONNECTION

BY ANDREA STAHELI

Interstate 15 is Utah's most traveled roadway and an essential long-haul route for North American commerce. Of its 1,433 roadway miles, 401 are in the state of Utah and 13 have been the focus of UDOT's "Lane Gain" project in 2016.

The \$41 million dollar construction contract — which required 26 miles of new highway lane and shoulder, widening of eight bridge structures and correlating utility work — was awarded to Geneva Rock Products in December 2015. Work on the project began in March and was completed in November.

According to UDOT, the project is the answer to multiple traffic studies that suggest a steady influx in transport along I-15 in northern Utah. The 13-mile stretch of roadway is still considered rural, but exists as the desired route to busier, industrial communities spanning from Ogden to Provo.

"A growing number of transport trucks pass through milemarker 349 to 362 each day," said Nathan Schellenberg, vice president of construction

for Geneva Rock Products. "The state is wisely investing in expanding this portion of I-15 before it becomes overwhelmed. A move that helps commuters, businesses and, in general, our economy."

A STEADY STREAM

To maintain the flow of traffic during construction, crews worked with the Utah Highway Patrol (UHP) seven days a week to coordinate movement through work areas.

"Creating a safe environment for our crews and the traveling public is a top priority," says Daniel Bird, project manager. "UHP helped us ensure safe conditions throughout the duration of the work, resulting in zero incidents leading to fatalities — an expectation we have on all Geneva Rock projects."

Coordination with Port of Entry was also vital in ensuring trucks were able to move in and out of their facility and move freely through construction.

BESTING BARRIERS

Barrier placement was a unique challenge on this road construction project. Typically,

if a new barrier is being built, it will be placed at the conclusion of the project after the new lane has been constructed. Because this project plan included designs for a unique drainage system between the new inside lane and the center median barrier, the barrier had to be placed on the subgrade before the new lane could be paved. This project design meant crews were required to work in half the space.

"Right off the bat, our work zone was challenged due to the placement of the barrier," says Mike Westbroek, project manager. "It took awhile for us to plan how we would maneuver work in the tightened configuration. Once we figured out how to route trucks and move equipment through the work zone, things rolled ahead."

SUCCESS STRATEGY

Planning was key to the project as a whole. Bird credits the project staying on — and often ahead of — schedule to weeks of what he calls pre-game planning.

"Twenty-six lane miles of work in one summer is aggressive,"

Bird says. "We knew one hiccup could derail the timeline, so we scripted out the project down to every day and every task. Weeks of detailed planning resulted in an extremely smooth project execution."

Better yet, the project was completed nearly a month ahead of the anticipated end date, a construction announcement everyone was happy about.

PROJECT STATISTICS

Project Cost: \$41 Million
Concrete Supplied: 295,000 yards
Asphalt Supplied: 68,000 tons
Culverts Lined: 60
Construction Timeline: March - November

"UHP HELPED US ENSURE SAFE CONDITIONS THROUGHOUT THE DURATION OF THE WORK, RESULTING IN ZERO INCIDENTS LEADING TO FATALITIES — AN EXPECTATION WE HAVE ON ALL GENEVA ROCK PROJECTS."



Project Manager **Daniel Bird**



Project Manager **Mike Westbroek**

PARTNERING

IN THE SPOTLIGHT

Geneva Rock partners with Layton Construction on high-profile Hale Centre Theatre

BY GREG BENNETT



Since 1985, the Hale Centre Theatre has brought high-quality productions to the Salt Lake City area.

With each passing successful show, the company's reputation grew, eventually making tickets tougher and tougher to come by. In fact, since 2012, each of Hale's 400 performances a year have sold out.

In order to expand and allow more families the chance to see professional-level theater, the Hale Centre Theatre team is building a new state-of-the-art theater in Sandy, located in the south end of the Salt Lake Valley. The facility will include two stages — allowing for an approximate 700 performances per year — and expands the theater's overall space to 130,000 square feet on nearly three acres, boosting seating up to 1,360 seats. The theater's current home in West Valley City is 42,000 square feet and only seats 613.

However, well before the lights turn on for the first show in September 2017, the Geneva Rock team works closely with Layton Construction, the general contractor on the project, to make sure the theater has the necessary strength to accommodate the complicated — and useful — stage system and other amenities patrons will enjoy. The Layton-Geneva partnership is deeply rooted, with the pair working together on jobs for more than 50 years.

This one is turning out to be a complicated job that benefits from the combined know-how of both companies.

"We have a really good relationship with Geneva Rock, which is mainly based on their past performance and their capabilities," says Jared Adamson, Layton's project manager for the theater. "One of the worst things that can happen is to have your crews sitting there waiting for concrete trucks to come. Timing and spacing is crucial. Geneva



has been great. Not once have we lost time with our people standing around waiting for concrete to get here."

And the Hale Centre Theatre requires a lot of concrete. To accommodate a descending and ascending stage, the theater goes 70 feet in the ground below lobby level.

"There's a stage that can be completely lowered so you can load a set while actors continue on a cantilever stage," says Gordon Brady, project manager for Geneva Rock. "It's great technology that doubles the speed they can load a set. It's amazing technology that will add a lot to performances."

Going that deep in the ground also raises concerns from ground water. To ensure the theater remains safe from the water table, the building is being built with enough concrete to essentially turn it into a bathtub that is lined with waterproofing. The bathtub-type construction seals is held into the ground with driven piles and seals water out of the theater while also providing strength to the building.

"The process is complicated

and requires a lot of different crews working on different levels," says Justin Robinson, concrete superintendent for Layton Construction. "We need just the right concrete mix and we need it delivered on time. Geneva does a great job at that."

Specifically, there was a time when Layton and Geneva professionals worked together to make small changes to the concrete recipe when slight adjustments were required. Instead of getting defensive about the mix, Geneva Rock's team took time to understand the issue and then fixed it.

"We worked with Geneva Rock to get a little better mix design for the walls by using a pea gravel mix," Jared says. "We've looked at them as members of the team and they've come to us with solutions so we — as a team — provide a predictable outcome."

The Geneva Rock concrete mix also meets the rigid quality demands Layton has for the project. And Geneva Rock's past performance and reputation leaves Layton's professionals confident with the outcomes they will receive.

BY THE NUMBERS

The Hale Centre Theatre in Sandy will include:

- Two stages — the "centre stage" in the round (for which the Hale is known) and a second, more traditional proscenium thrust stage.
- The centre stage will have room for 900, while the proscenium theater will hold 460.
- Patronage is expected to double from current rates, eventually hitting 500,000 visitors per year.
- Right now, the Hale Centre Theatre holds 400 performances per year. The new building is expected to bump that to 700, between the two stages.
- The building will be 130,000 square feet and sit on 2.9 acres in the heart of Sandy in south Salt Lake Valley.
- The proscenium stage will open in September 2017, with the first show scheduled to be "Forever Plaid."
- The new centre stage will open in November 2017 with Elton John & Tim Rice's AIDA

"We know from experience that Geneva's concrete comes up to strength all the time," Jared says. "It is a good product. We don't have to go back later and tear things out because it didn't get to strength it was supposed to reach. That's the last thing you want is to get the job done and then have to go back later and take it out and fix it. We don't have to worry about that with Geneva's product."

That's why the Layton-Geneva partnership will continue to take center stage on other products around the valley.



Senior Concrete Sales Representative
Gordon Brady

FUTURE FUELING

NATURAL GAS FILLING STATION HIGHLIGHTS COMMITMENT TO ENERGY EFFICIENCY

BY RAY GAMMELL



This year Geneva Rock Products became the first ready-mix contractor to own and operate a natural gas filling station in the state of Utah. The filling station, housed at our 3900 South facility, provides compressed natural gas (CNG) for our fleet of CNG concrete mixer trucks. It is the first CNG station in the city of South Salt Lake.

The station can fill all 25 mixer trucks simultaneously. Trucks are slow-filled for ultimate compression over an eight-hour period each night. If a driver has a delivery schedule that requires an additional fill up during the day, the trucks can 'fast-fill' in as little as 10 minutes.

As vice president of equipment and facilities for Clyde Companies, Inc., I have led a team that has been busy working on evaluating alternative fueling options for Geneva Rock

"NATURAL GAS IS UTAH'S ABUNDANT, DOMESTIC FUEL WITH INHERENTLY CLEANER BURNING QUALITIES. IN TERMS OF EMISSIONS, THE SCIENCE IS SIMPLE. CNG BURNS ONE CARBON VERSUS DIESEL BURNING 14 CARBONS. THE AIR SHED OF THE VALLEY WILL BENEFIT FROM THIS PROGRESSIVE MOVE TO ALTERNATIVE FUELS FROM GENEVA ROCK."

TAMMIE COOPER

COMMUNICATIONS DIRECTOR FOR THE UTAH CLEAN CITIES COALITION

for the past three years. Last year, we purchased our first five CNG mixers to test the vehicles in comparison to the traditional diesel gas mixers that have filled our fleet since the 1950s. The CNG mixers were analyzed for cost, level of emissions, durability, user experience and travel capacity.

Our drivers were all eager to see how the CNG mixers would operate. Those who had the opportunity to switch to the new mixers were happy with

the results and so were our customers.

Results of the emissions analysis show that CNG concrete mixers emit approximately half the fine particulate matter than their diesel engine counterparts. The 400-horsepower CNG mixers also generate 20 to 30 percent less carbon dioxide, 90 percent less carbon monoxide and 35 to 60 percent less nitrogen oxide.

Contractors and business partners are impressed with the

environmental benefits of the trucks, as well as the performance of their quiet engines.

While the initial investment in the filling station is substantial, the environmental payoff and lower cost of natural gas make the new facility a win for the company, customers and the community.



Ray Gammell
VP, Equipment & Facilities

YOU GIVE

GENEVA ROCK DONATES TO BYU'S HOOP DREAMS OF A DEDICATED PRACTICE FACILITY



"I WANT TO THANK THE MANY DONORS WHO HAVE BEEN SO KIND AND GENEROUS — THEIR SUPPORT HAS BEEN INVALUABLE."

Since its inaugural season in 1903, BYU's men's basketball team ranks No. 13 nationally among NCAA Div. I men's basketball programs in all-time victories with 1,728.

Along the way, the Cougars have claimed 29 conference championships and received 38 postseason invites, including 27 NCAA tournament appearances and two NIT titles in 1951 and 1966.

In 2016, a new milestone was added to the program's history with the construction of a dedicated practice facility. Construction of the BYU Marriott Center Annex — a 38,000-square-foot building situated directly east of the Marriott Center — began in February and was completed in

December.

The annex includes a replica of the Marriott Center floor, shooting areas on both ends of the court, a strength and conditioning center, training rooms, offices and team meeting rooms. A basketball hall of honor will showcase the history and tradition of BYU basketball.

"I want to thank the many donors who have been so kind and generous — their support has been invaluable," said Dave Rose, BYU men's basketball head coach. "This facility is a major commitment to our basketball program. It will enhance the student-athlete experience, the development of our players and recruiting."

Geneva Rock Products was

invited to assist on the project and is proud to be one of several donors who funded this much-needed facility for BYU's men's and women's basketball programs.

"It's always been a priority of ours to be involved in building up the communities we work in," said Jay Ritchie, vice president of ready-mix concrete for Geneva Rock Products. "BYU does a great deal of good for the state of Utah and we are happy to have a part in building this Marriott Center Annex for them."

Prior to construction of the new facility, BYU's men's and women's basketball teams did not have a central location for conducting practices. Coaches worked with production

staff at the Marriott Center to sneak practices in between shows, events and celebrations. When the Marriott Center was unavailable, practices were organized at various locations, including the Richards Building, where gyms are also open to and regularly occupied by students and rec teams.

The new building gives both teams a defined space for practice and team meetings.

Geneva Rock Products was able to donate more than 1,000 yards of concrete for the project.

The Marriott Center has been home to BYU basketball since it opened on Dec. 3, 1971. The facility is currently the fifth-largest college basketball arena in the country.

SAFETY

Making Records One Day at a Time

TOOELE SHOP

Geneva Rock Products' Tooele shop recently extended a company-wide safety record, celebrating eight years without any recordable injuries. As of Nov. 1, the shop had 2,922 continuous days of accident-free work.

The plant provides ready-mix concrete to all of Tooele County and is home base for 17 Geneva Rock employees. In addition to covering the mechanic needs for the Tooele Batch Plant and mixer trucks, Mike Reed also covers the Bauer Pit and helps with mechanic needs at Geneva Rock construction projects in the Tooele area. We thank Mike for creating a culture of safety at these locations.



Mike Reed covers the mechanic needs for the Tooele Batch Plant, the Bauer Pit and other construction projects in the Tooele area.

DOWNTOWN SALT LAKE CITY SHOP

Congratulations to the Downtown Salt Lake City shop for reaching 2,085 days accident free. The six-man shop team maintains stringent strategies and processes to keep their operation mishap-free.

"I am lucky to have so many talented guys on my team," says Dan Caylor, shop foreman. "Not only do they have the expertise to fix pretty much anything, they take the time and the precautions to do it right."

The Downtown Salt Lake City shop produces and delivers concrete for thousands of projects each year. The crew services a 30-mixer fleet, batch plant, reclaimer and other machinery as needed at the facility.



Chris Davis, Dan Caylor and Chinonso Nnah (pictured left to right) join Dee Andersen, David Robertson and Mitchell Hertz (not pictured) at the Downtown Salt Lake City Shop.



From the safety director **GARY HATCH**

What matters to us is that at the end of the day, everybody goes home safe. We admire and appreciate employees across our organization who make conscientious efforts each day to ensure the safety of themselves, their co-workers and the people living in the communities we serve.

The safety achievements of these two teams reflect our commitment to creating a safe workplace by setting high safety standards and ensuring operational excellence. The employees at these locations should be recognized for making safety a priority in the way they do business.