



ROCKSOLID

FALL 2015

A Publication from Geneva Rock Products, Inc.

GENEVA'S NEW NATURAL GAS FLEET

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IN THE PEOPLE BUSINESS

BY JIM GOLDING

People are the core of our business. Be it customers, partners, clients, employees or members of the community, each relationship is vital to the success of our organization.

As President of Geneva Rock Products – and with 31 years of experience at this great company – I have learned that honesty, trust and the ability to depend on those you work with, or work for, are elements that significantly impact the outcome of our work.

As our business grows, and as we look to the future, there are many relationships that need to be nurtured.

DIGITAL RELATIONSHIPS

As our world becomes more and more enveloped in technology, we can maintain and develop valuable relationships through digital tools.

A recent survey by BRANDfrog found that 77 percent of the United States workforce is more likely to work with a company whose executives are actively communicating through social media than with a company with leaders who don't.

At Geneva Rock Products, we are expanding the way we communicate by utilizing Twitter, LinkedIn and other social media channels to best support clients, partners and the community members we serve. These digital platforms allow us to quickly communicate, provide transparency, share new products and services, and, most importantly, be there when our clients need us most.

If you haven't already, join us in the digital world. We'd love to connect with you on Facebook, Twitter and LinkedIn.

COMMUNITY RELATIONSHIPS

Where we work, we live — and where we live, we play.

The Point of the Mountain Quarry is one of our largest and most conveniently located pits. We share this location with two cities, two counties, two community parks and thou-

sands of citizens. Our job is to be a responsible neighbor, and that's something I take seriously. When it comes to sharing resources, maintaining the quality of our property or ensuring the safety of our community or employees, these needs take priority.

I recently took flight with the hang gliders at the Point of the Mountain Flight Park, an internationally recognized flying location in Utah. Thank you to Steve Mayer and the Utah Hang Gliding Paragliding Association for taking me, my family and 11 other employees for a ride of bliss around the point.

As a community partner, we work to find solutions that all parties will accept, no matter the situation. Compromise is a part of the diversity that each of us brings to work, home and play.

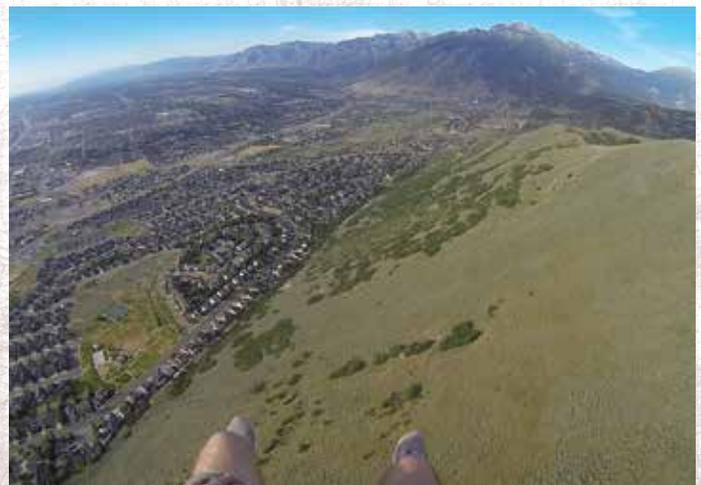
EMPLOYEE RELATIONSHIPS

The greatest asset to an organization is its people. The ability to provide seamless work and quality customer service is a result of the unique characteristics of each team member.

A business's longevity is often a derivative of the leadership you develop from your people. Taking the time to know, coach, motivate and cultivate exemplary employees is a key part of business. Each day, I'm proud to work side-by-side with our executives, managers and skilled professionals to provide a quality product to our customers.

BUILDING BETTER COMMUNITIES

Relationships bring joy to our careers. Improving these partnerships will join us together in a mutual cause to aid us in building better communities.





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ON THE INSIDE

1. FEDEX PROJECT AWARDED

Geneva Rock Products was selected by Skanska to work on the \$11 million Parking Lot Expansion Project at the FedEx Ground Office in North Salt Lake City. Work includes nearly 100,000 cubic yards of excavation, 14,500 linear feet of utility work, 50,000 tons of road base, 40,000 tons of asphalt and the construction of five large retaining walls. The project is scheduled for completion in April 2016.

2. UAPA INDUSTRY LEADER 2015

Victor Johnson was recently recognized as the Utah Asphalt Pavement Association's Industry Leader for 2015. This prestigious award is given to an individual who demonstrates commitment and leadership to the industry, to UAPA, to themselves and to the community.

3. EMPLOYEES AWARDED

Three Geneva Rock Products employees received top recognition at the 2015 Clyde Interchange Event – an annual business meeting for members of the Clyde Companies family.

Jim Hughes received the Outstanding Leadership Award for 2014, Rick Newton received the Outstanding Customer Service Award for 2014, and Steve Ewing received the highest recognition, the President's Award for 2014.

LEADERSHIP

PRESIDENT
Jim Golding, P.E.

VICE PRESIDENT, CONCRETE
Jay Ritchie

VICE PRESIDENT, CONSTRUCTION
Nathan Schellenberg

VICE PRESIDENT, GRAVEL & ASPHALT
Carl Clyde

VICE PRESIDENT, EQUIPMENT & FACILITIES
Ray Gammell

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- TOOELE 435-833-9116
- HELPER 435-472-3466
- www.genevarock.com

Quality Materials and Products + Experienced, Dedicated People + Modern Equipment and Resources = Superior Value and Results

I-80: SILVER CREEK TO WANSHIP



BY ANDREA STAHELI

On one of the most heavily-traveled highways in Utah, Geneva Rock Products has spent two summers paving roughly 377,521 square yards of concrete in reconstructing a seven-and-a-half-mile stretch of I-80 and replacing a 328-foot bridge.

The I-80 Silver Creek to Wanship project was awarded to Geneva Rock Products by UDOT in April 2014. The \$35 million job reconstructs the roadway and an existing bridge between U.S.

40 junction and Wanship, and is just one of various construction projects included in the Renovate I-80 campaign.

Geneva Rock crews got to work in July 2014, where crews reconstructed the eastbound lanes. This summer, crews have reconstructed the westbound lanes and the westbound bridge over Silver Creek. Project completion is set for next month.

Project Manager Dexter Tan said the project has come with its fair share of highlights and

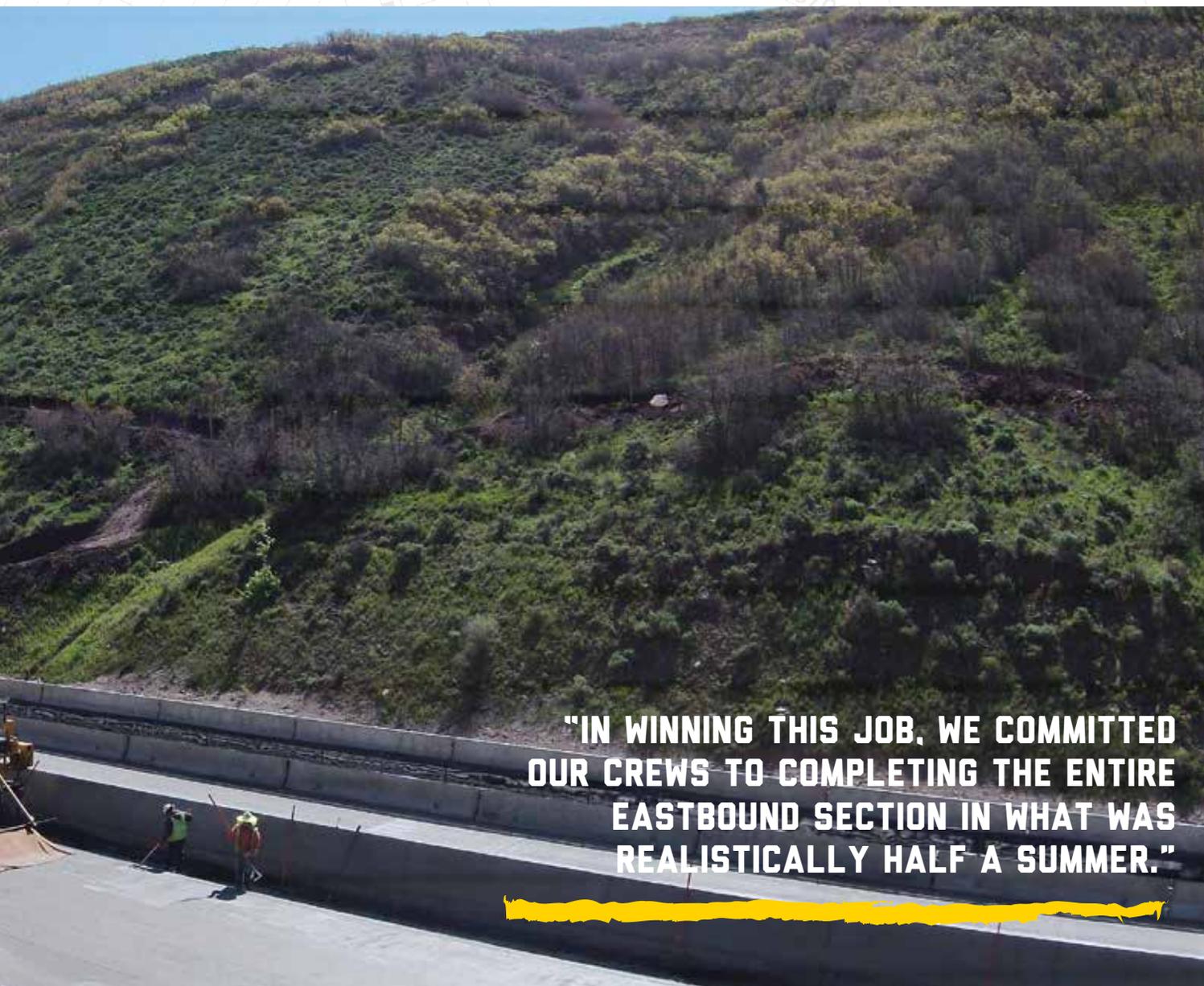
challenges, including a shortened summer schedule in 2014.

“In winning this job, we committed our crews to completing the entire eastbound section in what was realistically half a summer,” Tan said. “While we didn’t get to start until July, great planning and efficient logistical work, combined with a break in the weather allowed us to accomplish the work on schedule. Not often does the weather permit us to pave through November.”

Crews used newly released 3D

paving solutions on the westbound portion of the project. Using the recently released Trimble 3D wireless system in conjunction with the Gomaco paving setup, crews created more access on the side of the paving lanes, created better access for wet haul trucks and eliminated a tripping hazard for finishers and laborers working alongside and behind the paver.

Cody Preston, Area Manager over Concrete Paving, said this project provided some 3D firsts



"IN WINNING THIS JOB, WE COMMITTED OUR CREWS TO COMPLETING THE ENTIRE EASTBOUND SECTION IN WHAT WAS REALISTICALLY HALF A SUMMER."

for Geneva Rock, Trimble and Gomaco, who worked together to set up the machine to perform paving techniques none of the companies had done yet wirelessly.

"We were all on site those first few days to get it perfect together," Preston said. "Trimble and Gomaco had never paved with a Zero Clearance paving setup with this system and we were able to work together to do this successfully on our tight shoulder paving."

In addition to nearly eight

miles of 12-inch concrete paving, the job required the creation of a unique pavement base material called cement treated asphalt base (CTAB), which provides a strong and stable base for the concrete paving to ensure durability and longevity, especially with the heavy weight being transferred along the route regularly by semi-trucks.

CTAB is created by pulverizing existing asphalt and then adding cement powder and water into the material to create a low strength concrete.

Often, in concrete paving, concrete is laid directly over a thin layer of asphalt. In situations where the existing asphalt is deteriorating and not suitable for a base layer, CTAB can be used to provide the needed structural support for the concrete paving.

On this section of I-80, CTAB was selected as a lower cost, environmentally friendly pavement base option. According to Nathan Schellenberg, Vice President of Construction, this is the first instance in Utah where a cement treated base used 100

percent recycled asphalt.

Bridge demolition and reconstruction, cast-in-place concrete barrier, rock blasting and storm drain work were other vital parts of this project.

In total, more than 74,000 Geneva Rock man hours will be spent on the project.

When complete, Utah residents, tourists and the many over-land haulers will have a beautiful, long-lasting freeway that will provide smooth and safe transit from Park City to Wanship on historic I-80.

HOUSING THE OUTFITTER

Geneva grinds out good work on Cabela's warehouse

BY GREG BENNETT

"WE KNEW WE HAD TO PULL TOGETHER TO GET IT DONE AND EXCEED EXPECTATIONS."

Tooele, Utah, has a unique blend of convenience and remoteness that makes it ideal for large distribution warehouses. It is only about 30 miles west of downtown Salt Lake City (it's even closer to the airport) and sits right on I-80, the main east-west thoroughfare through the western United States.

However, it's also a small town surrounded by isolated areas of government land and the Bonneville Salt Flats, which means it's free from the traffic and congestion of larger cities, making it easy for trucks to get on and off the freeway.

When Cabela's — a nationwide outdoor retailer — needed a warehouse to better serve the western states, building it in Tooele made sense. And Big-D Construction — a Salt

Lake City-based commercial contractor — was picked as the company to put together the 600,000-square-foot building.

Other than the roofing system, the building is built entirely of concrete. Besides the tilt-up concrete walls, the super-flat floor required for Cabela's automated, laser-guided retrieval equipment meant the concrete supplier had to be good.

Enter Geneva Rock.

REMOTE CONTROL

"The biggest challenge to this project was the remote location," says Shane Wayment, concrete project manager for Big-D Construction. "Being in a remote area, getting manpower and ready-mix to the site was a big deal. Geneva's competitors couldn't have done the job."

Not only did Geneva Rock already have a ready-mix plant minutes from the job, but the company opened a second batch plant at the location used for the Cabela's warehouse.

"We wanted to be the solution Big-D needed, so we had a lot of meetings and decided this was the best way to meet their needs," says Justin Reece, Tooele concrete operations manager.

ADJUSTING AS NEEDED

But having enough ready-mix available for the pours does no good unless Geneva Rock had the drivers to deliver it.

"We hired three more drivers and would pull from our Salt Lake-area locations, as needed," Reece says.

The driving schedule required

a lot of coordination and Geneva usually utilized 15 to 20 trucks at a time on the 30-minute, round-trip drive.

The new warehouse will streamline distribution to Cabela's growing footprint throughout the western United States. In fact, besides the retail store in Lehi, Utah, Cabela's has a store in Ammon, Idaho, and has announced a second Utah location, this one in Farmington.

"These jobs — like doing something like this for a Cabela's — don't come around very often here in Tooele County, so you scratch and fight to get them and work to make them profitable at the same time," Reece says. "When we got this project, everyone was excited. We knew we had to pull together to get it done and exceed expectations."



CNG TRUCK STATS

90%

less CO

60%

less NO_x

30%

less CO₂

100%

American produced fuel

DOING WHAT THEY CAN

Clean-burning natural gas mixers added to Geneva fleet

BY ANDREA STAHELI

In Utah, vehicle emissions are the primary contributor to poor air quality. These mobile emission sources emit nearly two-thirds of the state's PM2.5 — a fine particulate matter that poses the greatest health risk to humans and animals.

In 2015, Geneva Rock Products, Inc. is taking the state's challenge to "travel wise," by adding compressed natural gas (CNG) concrete mixer trucks to its fleet.

The CNG mixer trucks emit approximately 50 percent less PM2.5, as well as offer a quieter and often less expensive drive when compared to traditional diesel-fueled engines.

"We believe every individual and every company can take steps to eliminate unnecessary pollutants from our air supply," said Ray Gammell, Vice President of Equipment & Facilities for Clyde Companies, Inc.

"CNG mixer trucks reduce our carbon footprint and allow us to provide a sustainable construction offering for our community."

Geneva Rock's 400-horsepower CNG engines generate 20 to 30 percent less carbon dioxide, 90 percent less carbon monoxide, and 35 to 60 percent less nitrogen oxides.

The mixers also use 100 percent American-produced fuel. Something their diesel counterparts

cannot do.

Gammell says the CNG mixer tanks have a 70-diesel gallon equivalent (DGE) and can typically make a full day's route (roughly 125 to 150 miles) on a single fill-up.

Customers and business partners have also noticed the new mixer trucks at their job sites. Contractors are impressed with the environmental benefits of the trucks, as well as the performance of their quiet engines.

"Geneva Rock is the first and only Utah company to add CNG mixer trucks to its fleet," said Jay Ritchie, Geneva Rock's Vice President of Concrete. "We are excited to see where this takes us in terms of providing more environmentally friendly solutions for our customers."

While the initial financial investment is greater than a diesel powered mixer, the environmental payoff and lower cost of CNG make the mixers a win for the company and the community.

The CNG mixer trucks are currently operating out of Geneva Rock's Orem ready-mix facility.

WHAT'S THE BIG DEAL?

micro



BY DAVID PRZYBYLA

WHAT IS MIRCOSURFACING?

Microsurfacing is a road maintenance tool that involves laying a mixture of dense-graded aggregate, polymer modified emulsion, additive, mineral filler (cement) and water to correct or prevent certain deficiencies in pavement conditions. (Hein, 2003) In layman's terms — it's an advanced slurry-seal.

Microsurfacing was developed in Germany in the 1960s and introduced in the United States in the 1980s. One of the key advancements over slurry-seal is the chemical curing process microsurfacing uses. The chart to the right provides a simple

comparison of the two products.

Like cars, asphalt roads need preventative maintenance to extend their lives. While these procedures have costs associated with them, they're much more affordable than buying a new car every 30,000 miles.

Roads work in a similar fashion — they're expensive to build, mill and rebuild, so using a preventative product to extend the life of the road makes financial sense. For the task of creating and maintaining a city's infrastructure, especially in today's age of tight budgets, it is imperative that existing roads last as long as possible.

Road lifecycle studies show that maintenance through microsurfacing provides the best balance of effectiveness,

cost, number of deficiencies for which it addresses and potential for future development of any preventative maintenance treatment. (Broughton, 2012)

WHY MICROSURFACING?

Given the right circumstances, microsurfacing has several advantages over other road maintenance options.

1. Extensive Cost Savings. Preventative road care can have impressive savings for pavement preservation. "Using the right pavement preservation application, on the right road, at the right time can mean a savings of \$400,000 to \$500,000 per mile of two-lane road over a 50-year period," said Carter Dabney, director of the

International Slurry Sealing Association. "Considering today's shrinking budgets and the number of miles in road networks, it is clear that municipalities cannot afford to ignore the value of microsurfacing for pavement preservation."

2. Shortened Construction Timelines. Traditional slurry-seal requires UV light to seal and takes up to 24 hours to set. Microsurfacing, on the other hand, is ready for automobile traffic in just 60 minutes in most cases and does not require UV light — meaning it can easily be done at night to reduce impact on travel.
3. Environmentally Friendly. The chemical bonding proper-

ties microsurfacing incorporates require fewer aggregates than traditional maintenance techniques. Geneva Rock Products is also testing a mixture that uses recycled materials, making microsurfacing the ecological and sustainable choice.

4. Minimization of Loose Aggregates. The microsurfacing process greatly reduces the number of loose aggregates after application compared to other maintenance treatments, such as chip seal and slurry seal, thereby limiting costly claims after a project.

5. Appearance. Aesthetically, microsurfacing bonds to a black color, creating the sense and visual quality of a new road.

6. Extended Wear & Tear. Microsurfacing is a long-lasting solution, typically outwearing other preventative measures by 20 to 40 percent. It also has more applications, such as filling in deeper ruts or cracks in the roadway.

Local cities are catching on to the benefits that microsurfacing provides their communities.

Jared Peck, street section engineering specialist for the city of Orem (Utah) has been using microsurfacing for the past two years.

“We like microsurfacing because it has a quick turn-around time and holds well,” he said. “Not only does it look like a new road, but we preserve the life of our roads at a fraction of the cost it would take to rebuild them. It makes sense to use microsurfacing on high-volume arterial streets. Research and experience has proven microsurfacing most cost effective for road preservation.”

WHERE IT MAKES SENSE

Microsurfacing is not a one-stop, cure-all solution. When considering microsurfacing, existing pavement should be in relatively good condition. Using the road condition scale of one to ten, roads suitable for microsurfacing should rate a six or better. Roads with significant cracking, sunken sections, and potholes, are likely to fail regardless of microsurfacing.

Geneva Rock has been supplying microsurfacing to the Wasatch Front for more than seven years. As more municipalities begin to see the value and extended benefits of microsurfacing, the further their budgets will go for funding infrastructure.



	PRODUCT DESCRIPTION	APPLICATION METHOD	CURE TIME FOR TRAFFIC	LIFE SPAN IMPROVEMENT (ESTIMATE)	COST
	SLURRY SEAL A cold-mix paving treatment containing specially graded aggregate, asphalt emulsion, water and other additives.	Specialized, self-mixing equipment with an application spreader box	24 hours	5-7 years	\$\$
	MICROSURFACING A cold-mix expansion of slurry seal with a higher polymer and asphalt residual content, better quality aggregate and fast-setting chemicals	Specialized continuous feed or flow equipment similar to slurry seal with adjustable auger spreader box.	Under 1 hour	7-10 years	\$\$\$



EPIC SKI CHALLENGE

TWO STATES COMPETE FOR \$400,000 PRIZE POT FOR 20 LOCAL CHARITIES

BY ANDREA STAHELI

In early 2015, Geneva Rock Products participated in the Epic Ski Challenge — one of the greatest charity competitions on earth — and raise thousands of dollars for friends at the Maliheh Free Clinic, a Salt Lake City nonprofit providing free medical care to uninsured families and low-income individuals.

The Epic Ski Challenge is a multi-round ski competition presented by Vail Resorts to raise awareness and resources for charities serving Utah and Colorado communities. In its fourth year, 20 teams were invited to ski their legs off to raise the biggest donation possible for their partner charity.

With the lure of a prize pot totaling \$400,000, Team Clyde Companies' six-man ski team started the competition off running ... or should we say, skiing. Geneva Rock Products President, Jim Golding, took command as team captain and

led Team Clyde Companies on a strategic course of action that would maximize the number of possible points earned each round.

"Like any other part of our business, we weren't about to go at this thing without a game plan," said Golding. "We knew that skiing the right resorts with the right number of people at the right times would be paramount to successfully winning a large donation for Maliheh."

Meanwhile, Geneva Rock Products employees joined in on the action and participated in Utah's Day of Giving by donating money from their own paychecks to the Maliheh Free Clinic. Clyde Companies employees raised \$8,096 for the clinic, and with a matching grant from a generous anonymous donor, the company was able to donate \$16,192 to the Maliheh Free Clinic — a gift equivalent to serving 400 patients.

For 10 weeks straight, what seemed like endless nights skiing, weekends skiing and sleep-skiing for some, amounted to a second-place finish, winning a \$30,000 donation for the Maliheh Free Clinic.

"It has been a thrill to partner with Geneva Rock and Team Clyde Companies in this Epic Ski Challenge," said Jeanie Ashby, Executive Director of the Maliheh Free Clinic. "This competition

has brought about an amazing awareness of our organization and the \$46,000 donation will help more than one thousand of our neighbors to receive the essential health care they could, in no other way, afford."

Geneva Rock Products is proud to continue its 60-year legacy of Building a Better Community.

Until next year, Epic Ski Challenge.






25,000

- Lumber
- Insulation
- Millwork
- Trusses




38,000

- Sand
- Gravel
- Concrete




25,000



25,000

JUST ANOTHER PERK.

Receive Sunroc Rewards points through purchases made with **Geneva Rock***.

All building materials, concrete, sand and gravel purchased from either participating company are eligible.

63,000

TOTAL EARNED POINTS

EARNED POINTS

Sum of points from both participating companies

50,000

REDEEMABLE POINTS

REDEEMABLE POINTS

Sum of points from both participating companies

* When redeeming points for rewards, at least half of the points redeemed must be from Sunroc Building Materials.



REWARDS.SUNROC.COM

Geneva Rock customers, let Sunroc reward you for a job well done. Sunroc Rewards is the first program of its kind, where contractors earn points every time they make a qualified purchase with a participating Clyde Company. Use your points for travel vouchers, gift cards of your choice, or join us for our all-inclusive signature trip. Learn more at REWARDS.SUNROC.COM.

DOORS | WINDOWS | LUMBER & TRUSS | INSULATION | GARAGE DOORS | CONCRETE | SAND & GRAVEL