It is amazing to know how many people at the university and outside contractors must come together to successfully complete a campus construction project. As I think back about the projects I have been involved with over the last 22 years, building technology changes and enhancements have made each new project a little more complicated. Additional electrical capacity and cables for computer technology improvements have multiplied many times over and have created the need for more air conditioning capacity in our buildings. Building envelope advancements are of utmost importance to maintain comfortable building temperatures while using the minimum amount of energy possible. The list goes on and many of us are continually looking at new products and procedures to save the university time and money.

Many people deserve recognition for all they do to help with the successful completion and occupancy of new and remodeled buildings. I would like to personally thank everyone who is involved in any way with campus construction from programming and design feedback, to those who help with the architecture, engineering, construction, and daily upkeep. It takes all of us to succeed.

The first of two pedestrian bridge extensions along North Campus Drive was recently completed in April of 2012. The original bridge was constructed some 40 years ago and is in great shape. The new bridge extension is quite attractive with intermediate railing sections made of steel tube and concrete balusters, similar to the railing surrounding the Marriott Center. It also has fluted architectural concrete, matching the existing bridge design. The new west spur is 160 feet long and, interestingly enough, does not structurally attach to the existing bridge. The opening where the new bridge connects to the old bridge has a small concrete shelf sandwiched with a neoprene pad, bringing the two together.

The construction methods used to build the original bridges played a role in the design and construction of the new spurs. Some information was gleaned from the old drawings but ultimately it took some “selective demolition” to discover and understand how the old bridges were built and how they would react once a portion of their structure was removed. To connect the extension with the old bridge meant that a 25 foot section of beam/wall needed to be removed and the existing structure needed to be strengthened by a combination of carbon fiber mesh and steel rods. The carbon fiber technology that was used is similar to what is utilized for modern commercial and military aircraft, golf club shafts, and lightweight road bikes, to name a few.

The bridge extension has required help from multiple shops and departments such as Electric, Paint and Sign, Grounds, OIT, Planning and Construction, and University Police. This project, although small in size and scope compared to many other campus projects, helps the university meet its goal of providing safe and efficient pathways to and from the heart of campus. The bridges effectively allow pedestrian traffic to safely cross this major, campus street.

The east spur by the bell tower is now underway and is scheduled to be completed by early fall.
In our individual lives, each of us strive to consistently improve and grow. As part of the BYU family of organizations, the Physical Facilities Division approaches our day-to-day work with this same philosophy. Our summertime focus is to improve campus by accomplishing projects that enhance the day-to-day functioning of BYU. We try to do as much as possible during the summer months when many students are away between Winter and Fall semesters and when we can schedule work in a time period that reduces disruption to campus and minimizes safety risks. Examples of our summertime projects this year that are planned to conclude by the end of August include four utility tunnel additions, an extension to the east pedestrian bridge (by the bell tower), painting on the interior of LaVell Edwards Stadium, a number of interior building and office remodels, and a new full-service Paul Mitchell salon in the WSC called "Studio 1030", which will offer barbershop services, hair styling, and pedicures, in addition to many other services.

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**Improving Campus Throughout The Summer**

**Ole M. Smith - AAVP Physical Facilities**

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**CONGRATULATIONS SAERA AWARD RECIPIENTS**

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<td>Larry Banks</td>
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<td>Nathan Diehl</td>
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<td>Brian Scott</td>
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**NEW EMPLOYEES**

We extend a warm welcome to the new full-time employees listed below who recently joined our Physical Facilities team.

- Lisa Ward: Construction
- Jeffrey Hansen: A/C Shop
- Casey Finlinson: A/C Shop
- Kolt Davies: Utilities
- Catherine Strange: A/C Shop
- Kent Flack: Moving
- Randy Jasperson: Utilities Maintenance and Engineering

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**CONGRATULATIONS TO OUR RECENT RETIREEs**

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<td>Donald Peterson</td>
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**SERVICE WITH EXCELLENCE**

- **Catherine Strange**: Catherine was born in North Carolina. After high school, she received her BFA degree in interior design from the Ringling School of Art in Sarasota, Florida. She has worked in both residential and commercial design and owned her own design business for 13 years in Wilmington, North Carolina. Catherine has worked at BYU for 20 years and is the supervisor over Interior Design. She has been married for 40 years and has three children—two sons and a daughter—and six beautiful grandchildren.

- **Hayden**: Hayden has worked in the Architectural Design department for the last nine years. His responsibilities include working with requestors to determine the design and cost for new projects. Hayden lives in Palmyra (just west of Springville) with his wife, Christy, and their three boys, Dawson, Sinclair, and Bridger. He enjoys camping, hiking, fishing, hunting, and working on his home and yard with his wife and boys. Hayden loves working with his friends at BYU.

- **Randy Jasperson**: Randy has worked as the expeditor in the Warehouse for the last seven years. His responsibilities include excessing customer expectations. He loves working with the quality personnel at BYU. Prior to coming to the university, Randy worked at Pacific States Cast Iron Pipe for 33 years. He and his wife, Sandy, have been married for 39 years and reside in Payson. They have five children and 12 grandchildren. In his spare time, Randy enjoys fishing, hunting, and being in the outdoors.

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**STUDENT SPOTLIGHT**

- **Nathaniel Wall**: Nathaniel is 22 years old and is from Atlanta, Georgia. He has been working for Physical Facilities Information Technology for one year. He is also studying IT and is a sophomore this year. In his spare time, Nathaniel enjoys shooting and playing racquetball. His dream career is to fly helicopters but he is not sure there will be room for that in his busy life. Nathaniel is a life saver for many employees at Physical Facilities. Whether he is fixing a computer, phone, or fax machine, he always seems to save the day.
Project Highlight

Interior Design

The interior designers in the BYU Physical Facilities division recently participated in the third annual International Interior Design Association (IIDA) Fashion Remix Fashion Show. The event, which is a fundraiser for the Cystic Fibrosis Foundation, was held on April 19, 2012, at the Rail Event Center in Salt Lake City. Over 800 people were in attendance for the fashionable event.

Carpet, floor tiles, wall coverings, laminate, and upholstery fabrics are all materials interior designers use to create remarkable spaces. For the event, designers at some of Utah’s top architectural and design firms used these same materials to create fabulous “Wearable Fashions”. The BYU team of designers was paired up with Contempo Tile and was challenged with making a fashion outfit using only tile materials.

Two students from the BYU Upholstery shop, Talia Lyman and Keri Erdmann, volunteered to help create the outfit. With their amazing sewing skills, a fantastic outfit was created. The entire outfit was sewn using Schluter waterproofing membrane. The top was then “glittered” by adhering hundreds of Italian glass mosaic tiles, which were smashed, to the waterproof membrane using silicone. Madison Butterfield, an Interior Designer from planning, modeled the outfit for the event. The team impressed and won the award for the “Best Use of Hard Materials”.

Physical Facilities Student Scholarships

2012 Recipients

Through the generosity of Physical Facilities employees, the division was able to offer seven $1,000 student scholarships for 2012. The Grounds department was also able to separately offer five $1,000 scholarships for their students. Each student was nominated by a full time employee and then moved forward to the selection committee with the approval from the department supervisor. Congratulations to the scholarship recipients!

PHYSICAL FACILITIES STUDENTS

Emily Shepherdson
Scott Hampshire
Keri Erdmann
Elizabeth Thaden
Tessa Hatch
Jeremy Fowler
Emily Johnson (Not pictured)

CNA
Electric Shop
Upholstery Shop
Custodial
Paint Shop
Carpenter Shop
Mechanical Shop

GROUND STUDENTS

Julie Gwilliam
Kathy McLane
Chase Ricks
Devin Cope
Cade Cousins

Landscape Specialty
Landscape Specialty
Site Development
Site Development
Site Development
The BYU Physical Facilities Division alone employs almost 1,500 students to work in various shops and departments on campus. The annual Student Appreciation Lunch, served by managers and directors, is a way to show Physical Facilities students how much they are appreciated for all their hard work during the year. Although it was a rainy, cold day, the food was hot, delicious, and enjoyed by all.