



7 / 21 / 2023

Roxsand



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"Civil Engineer" Kevin Oliver

According to "Wikipedia" the Civil Engineer discipline deals with the design, construction, and maintenance of the physical and naturally built environment, including public works such as roads, bridges, canals, dams, airports, sewage systems, pipelines, structural components of buildings, and railways.

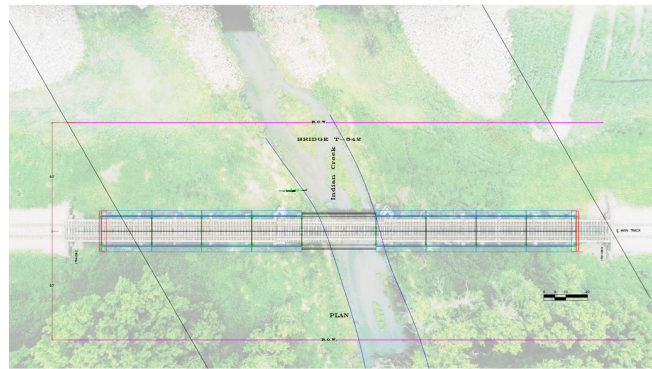
Civil engineering is the application of physical and scientific principles to solve the problems of society. Its history is intricately linked to advances in the understanding of physics and mathematics. Its also linked to knowledge of structures, materials science, geography, geology, soils, hydrology, environmental science, mechanics, and project management.

With that definition in mind, I would like to highlight a couple of projects I'm working on designing.

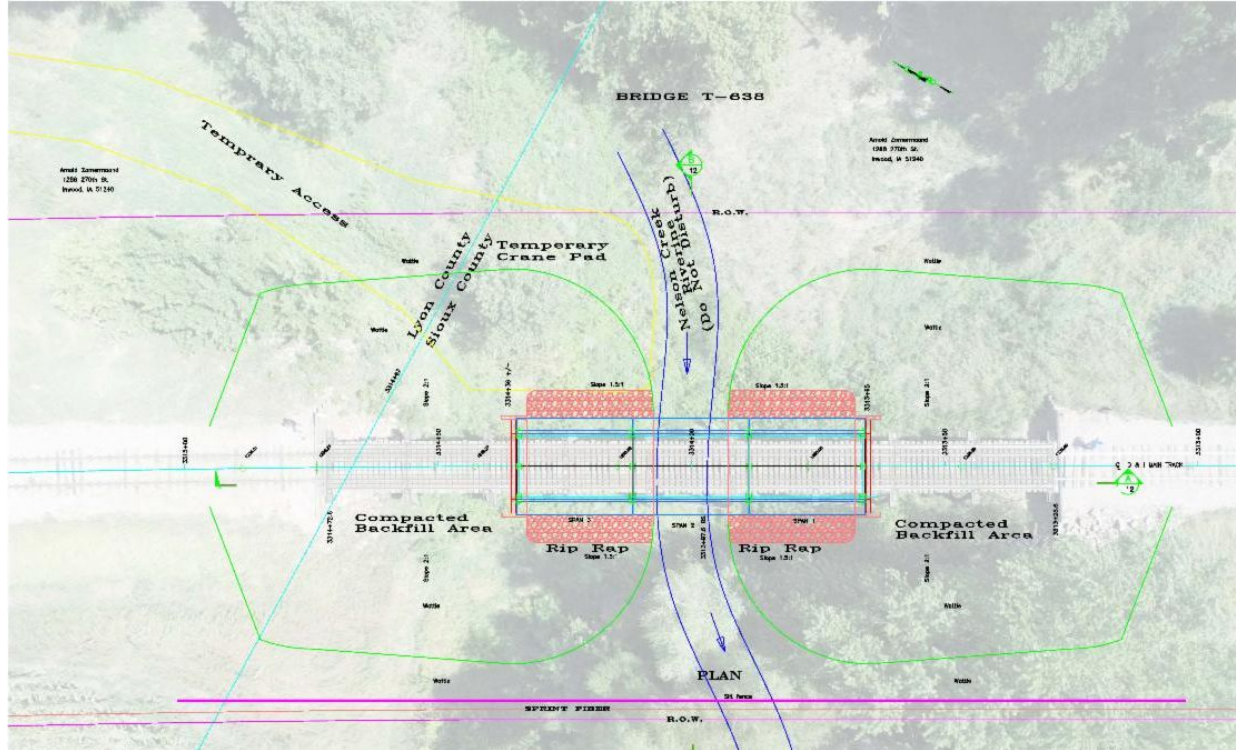


Through key collaborations between plant personnel, quality control, equipment, and engineering, we figured out that by replacing the HP300 crusher with two HP400 crushers and creating a new closed loop system, it would create a substantial increase in production for the secondary plant. Throughout the process, it was also determined the primary system needed to be addressed as well. A bigger primary jaw (with more crushing capacity) was added along with surge tunnel upgrades to increase surge capacity for the new secondary system. This plant originally started out as a ballast plant and with these upgrades will now increase concrete aggregate production by nearly 50 percent.

Most of the railroad timber bridges on the D & I system were built in the 1950's. We have a grading and rating system in place to review the bridges annually for condition to guide decisions on repairs or replacement options. The typical design lifespan of a timber bridge is approximately 50 years. Many of the timber structures are approaching their design life and are being selected for upgrades or replacement. The condition of these timber bridges can vary widely, however the process is simple. Address the weakest or poorest conditioned bridges first. We are currently in the design process to replace two bridges later this year.



Dell Rapids West Quarry Secondary System Conceptual Layout



Conceptual Layout of Bridge T-638 over Nelson Creek

QC Corner

Meet our Colorado QC technicians David and Brady. They cover the testing for four sites and over seventeen products, ranging from washed concrete aggregates, mason and golf course fine sands, road base, and pipe bedding (squeezegee). It is estimated that running tests for two wash plants generates over 4,000 tests per year. That's a lot of cooking and shaking!



David Cano

Hometown: Greeley, CO

Technician Location: Firestone and Carbon Valley

How long I've been in the industry: 15 years

What is my favorite part of the job: I enjoy all aspects of the job

What I like to do for fun: I enjoy spending time with family, fishing, & camping

Fun fact about myself: I'm an artist, I enjoy cooking.

Brady Schuver

Hometown: Sioux Falls, SD

Technician Location: Fort Lupton and Ragsdale

How long you have been working in the



industry: 4 years for LGE, 5 weeks in the gravel and sand industry.

What is your favorite part of the job: Finding unique rocks, watching the wildlife, and learning things each day.

What do you like to do for fun: Skiing, golfing, hiking, and hunting.

Fun fact about yourself: My dream vacation includes visiting all the “-stans” in one trip. Afghanistan, Tajikistan, Pakistan, Kyrgyzstan, Kazakhstan, Uzbekistan, and Turkmenistan.

Happy Birthday!

Brian Harr – July 21
Myrl & Roy's Paving

Brian Pies – July 21
Summit

Jesus Manriquez - July 21
88th Transload

Rene Villarreal – July 21
Firestone

Douglas Wermerskirchen – July 24
Washta, IA

Brandon Ostert – July 25
Sales, Mountain Division

Adrian Rodriguez Avalos – July 25
Ft. Lupton

Rodolfo Molina Rascon – July 25
Firestone

Phillip Krejci – July 26
Ace Ready Mix, Sioux Falls

Edward Gaye – July 26
Ace Ready Mix, Sioux Falls

Dylan Arndt – July 26
Dell Rapids Shop

Kevin Mayer - July 27
Sioux Falls Office



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Did you know?

You can view your paystub using the HCMToGo app.



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Contact your HR department for more information.



Company Picnic

Saturday, August 12
Sioux Empire Fair
Sioux Falls, SD

August 12

5 PM

L. G. Everist welcomes you and your family to join us at the Sioux Empire Fair! Dinner will be provided at 5pm in the Nordstrom Johnson multipurpose building.

*RSVP to your supervisor by
Monday, July 31st*

to receive your free gate admission passes*
and one day ride passes** at the carnival for you
and your family.

*Gate passes for employee + spouse + children under 18

**One day ride passes for employee's children 13 & under only



Safety Message

We are halfway through the season, and I want to remind everyone to take time to do the job right. Complacency in the workplace happens all too often, and sometimes we are not aware we are being complacent. This is an excellent opportunity to shake up our safety routines, refocus our mindset on safety, and ask ourselves, is it worth the risk?

-Candy Klingensmith

If you have employees that would like to receive the Roxsand, have them send their personal email to info@LGEverist.com and request to be added to the mailing list.



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