



Winter 2022/Issue No. 49

# 2021 FLYOVER

We want to wish you a happy, healthy, and prosperous new year! Looking over TD2021, we'll recap what was new and update what we started back in 2020. And, there are some exciting Things2Come on the project front, so stay tuned.

## NEW EQUIPMENT GEOPROBE

TD2's geotechnical department expands again with a new 3126GT Geotechnical Drill Rig. In the last couple of years, we have leased these models from Geoprobe to support our other drill rig. But in 2021, it made more sense to buy. Small but mighty, the 3126GT is engineered for efficiency in a small footprint on wide tracks.

The 3126GT can perform the usual complement of geotechnical drilling and sampling, including; SPT, CPT, Auger, Rotary, and Diamond Core drilling. In addition, the track-mounted rig can access rugged terrain that the truck-mounted rig cannot. The 3126GT also excels in environmental soil, water, and gas sampling by using the full complement of Geoprobe direct push tooling.



## RECAST NEW ROLES

Mike Smith, L.S., has handed over the survey field crew scheduling to Brian Morgan, SIT. Brian, a TD2 Crew Chief, has moved inside, and Mike will now devote his time toward Project Management and Quality Control.



## REGISTRATIONS CONGRATULATIONS

### **TREVOR VESKRNA PE** Civil Engineer

TD2 welcomes our newest professional civil engineer, Trevor Veskrna. Trevor passed his Principles and Practice of Engineering (PE) test in October of 2021.

Trevor started his TD2 career as a student intern in the summer of 2016, graduated from UNL in December 2017 with a B.S. in Civil Engineering, and then began working full time in January 2018. Trevor is originally from Blair and now lives in Omaha.



## RETIREMENTS CONGRATULATIONS

### **GARY RAFTERY** Civil Engineering

Gary Raftery has had a long and varied career starting in the consulting engineering business in 1978 and retiring from TD2 in 2021. Over 14 years, Gary has supported both the structural and civil departments. Most recently, Gary's role on the paving team included the civil design work in AutoCAD using the field measurements, aerial imaging, photos, and AutoCAD to prepare the plans and detailed location maps. We will miss you, Gary.



During 2021, we have had some employee turnover but are also consistently hiring. We are also looking ahead to the TD2 of the future. We have expanded the Management Team by three new ownership partners.

## REENERGIIZED CONGRATULATIONS

TD2 is excited to announce Bradley P. Huyck, P.E., Joseph A. Dethlefs, P.E., and Andrew W. Johnson, P.E. LEED AP have been appointed new ownership partners. TD2's current leadership team took a serious look at the firm's management structure for the next 10 years, anticipating current owners' succession/retirements and securing a firm foundation for the future. Adding Brad, Joe, and Drew to our TD2's Management Team prepares us to meet tomorrow and carry on our tradition of client service.

"TD2 has been serving this community for 54 years," said President Doug Dreessen. "Our strength is in serving our clients and playing an integral role in this city's growth. We are fortunate to have bench strength at TD2. Brad, Joe and Drew stand out as key to preserving the TD2 legacy for years to come." Read more about them here <https://www.td2co.com/td2-names-new-partners-huyck-dethlefs-and-johnson/>.

### **BRADLEY HUYCK, P.E.**

Civil Engineer



### **JOSEPH DETHLEFS, P.E.**

Civil Engineer



### **ANDREW JOHNSON, P.E. LEED AP**

Structural Engineer



## THINGS2COME CIVIL

84th Street anticipation!

### La Vista Central Park Pavilion & Site Improvements

TD2 plays many roles across disciplines in La Vista's development of a new city core. TD2's civil department is working in conjunction with RDG Planning & Design on the civil design components (removal, grading, erosion control, spot elevations, utility layouts, PCSMP, and specifications) that underpin the standout features of the La Vista City Centre. The Central Park Pavilion will provide restrooms and concessions for outdoor events at the Astro Theater (see below) and public events in Central Park.



Rendering credit:  
Above - courtesy of RDG Planning & Design

TD2's structural department is also involved with many of the La Vista 84th Street Corridor projects, including the structural design for the Pavilion featured above.

## THINGS2COME STRUCTURAL

We can look forward to these two cultural and entertainment meccas.

### Joslyn Art Museum Expansion

Under wraps for a while, we can now talk about our role as the Structural Engineer of Record on the Joslyn Art Museum Expansion. Snøhetta, in partnership with local Alley Poyner Macchietto Architecture, has designed the expansion and we are excited to be part of it.



### Astro Theater

The Astro Theater, a showpiece of the La Vista City Centre will hold 2,500 in the indoor theater and connect to an outdoor grass amphitheater. The estimated completion is January 2023. TD2 working in conjunction with TACKarchitects, is responsible for the Structural Engineering Design.



Rendering credits:  
Top - courtesy of Moare  
Bottom - courtesy of TACKarchitects



## DRONING ON UPDATE

TD2 Survey is now in our second generation of drones, a fixed-wing Sirius Pro and an octocopter. These drones have allowed us the flexibility to cover a wide variety of urban, suburban, and rural sites. Dave Neef, RLS, continues to manage/fly this service area. He has learned a lot over the last year as he has kept busy on topographic surveys, ALTA/NSPS Land Title Surveys, and grading as-builts.

### BE AWARE LOOK AHEAD

We are keeping up with the rules of flying drones in our area and upcoming regulations. A lot is happening in the industry as well. The wide range of emerging capabilities for construction and surveying and other areas like mining, security, crime investigation, delivery, is impressive. In addition, we anticipate adding a LiDAR (Light Detection and Ranging) capable drone to our lineup, allowing us to use this technology on sites with light tree and tall ground cover.

With infrastructure improvements on the horizon, we also see opportunities to conduct bridge inspections evaluating conditions to identify issues. Again, client needs will help us determine how we use resources best. But it is exciting to see how drones are applicable in so many areas of life.

Technology has undoubtedly helped our TD2 employees' be versatile. Our people adapted very quickly to working remotely. This capability kept projects moving forward while coping with illness, isolation, and restrictions.

## REARVIEW 2021

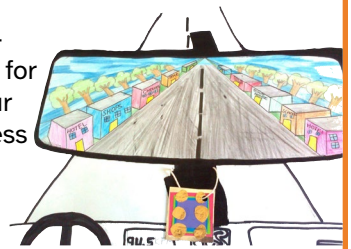
Looking back, 2021 was a busy project year for us. But, from our 2020 remote work experience, we learned we don't have to physically be in the office to get things done. The key lesson has been VERSATILITY. We continue to adapt to the curve balls the pandemic throws at our projects and people.

### PROJECTS

We see supply chain disruptions and labor shortages extending project timelines and inflated costs scaling back project scopes. However, keeping the lines of communication open with clients has gone a long way to calm jittery nerves.

### PEOPLE

There is plenty of work to be done, and we need talented employees to do it. We are multi-disciplined, and we look for multi-talented people. Therefore, we are always on the lookout for qualified employees and interns. We've added a list of positions by their department on our website career page, and we want interested candidates to send us their resumes regardless of a posted vacancy. This is also the time for students interested in summer internships to follow through. Internship descriptions can be found here <https://bit.ly/3GMOKjT>.



Thompson, Dreesen & Dorner, Inc.  
10836 Old Mill Road  
Omaha, NE 68154

O: 402/330-8860  
F: 402/330-5866  
TD2mail@td2co.com

[WWW.TD2CO.COM](http://WWW.TD2CO.COM)  
402.330.8860 Omaha  
605.951.0886 Sioux Falls

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