

TLR



CONSULTING

Turnkey, QuaLity, SeRvice



UTILITY ENGINEERING

(320) 963-2836

www.consulttlr.com

CONTACT US

Mike Laughlin
(320) 963-2836

9938 State Hwy. 55 NW
Annandale, MN 55302

www.consultlr.com





ABOUT TLR CONSULTING

With over 80 years of combined experience the TLR Consulting staff is ready to assist you with all your utility engineering needs. Whether it be a simple permit or a county wide project we have the expertise to help you each step of the way.

MISSION

To deliver quality designs and engineering services tailored to our customers' needs by an experienced team using the latest technology.





SERVICES

TLR Consulting services are always provided with the clients goals foremost in the process. Contact us and we can discuss a schedule for the completion of your project.

UNDERGROUND

AERIAL

FULL DESIGN

- ▶ OSP
- ▶ ISP
- ▶ MDU

WALK OUT

- ▶ Pole Study
- ▶ Route Planning
- ▶ ISP

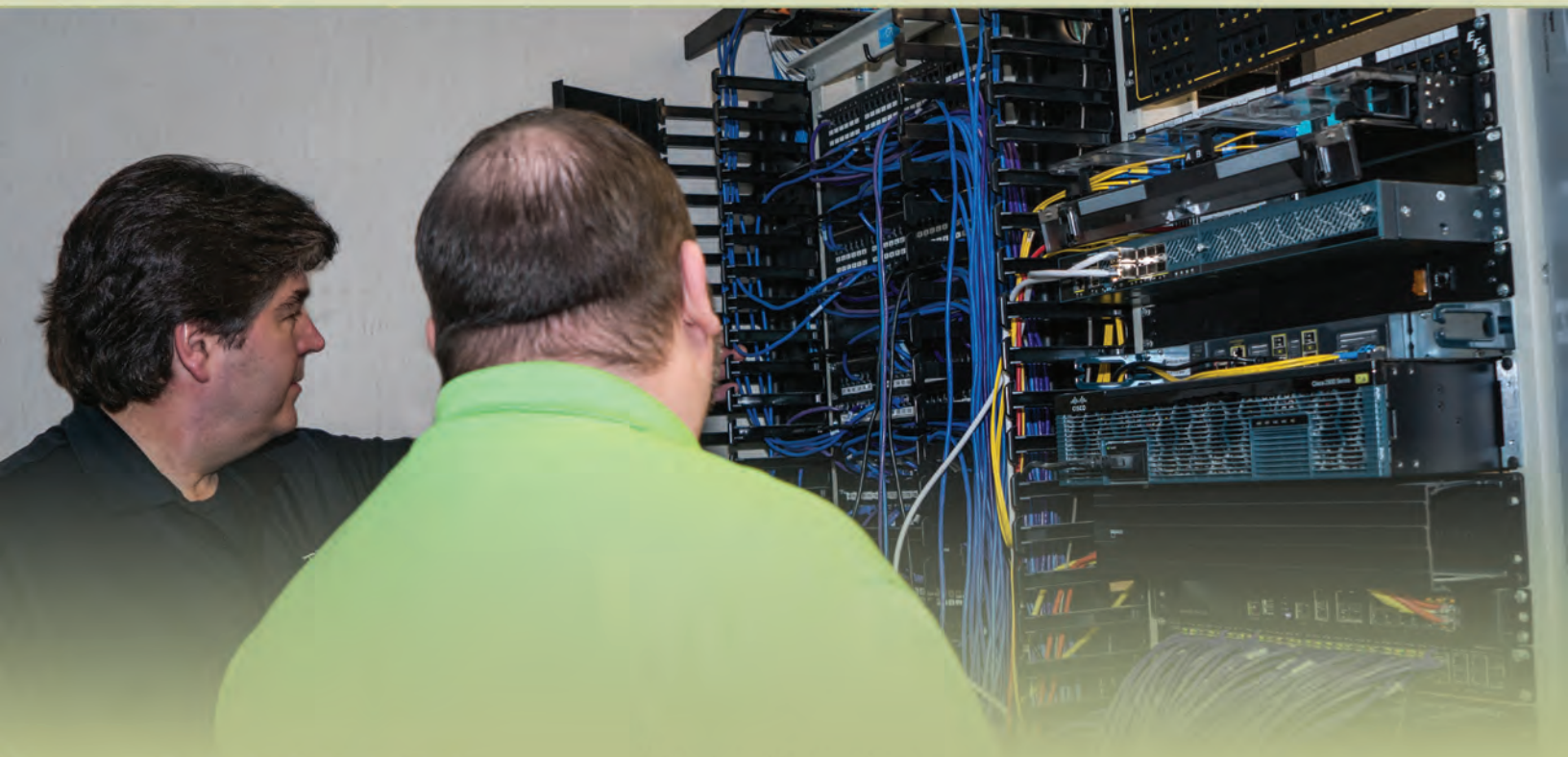
FULL PERMITTING

- ▶ City
- ▶ County
- ▶ State/Federal
- ▶ DNR
- ▶ Railroad

CAD

- ▶ Surveying
- ▶ Mapping
- ▶ Electrical Drafting
- ▶ Red Lines
- ▶ As Build Drawing
- ▶ PE Services Available

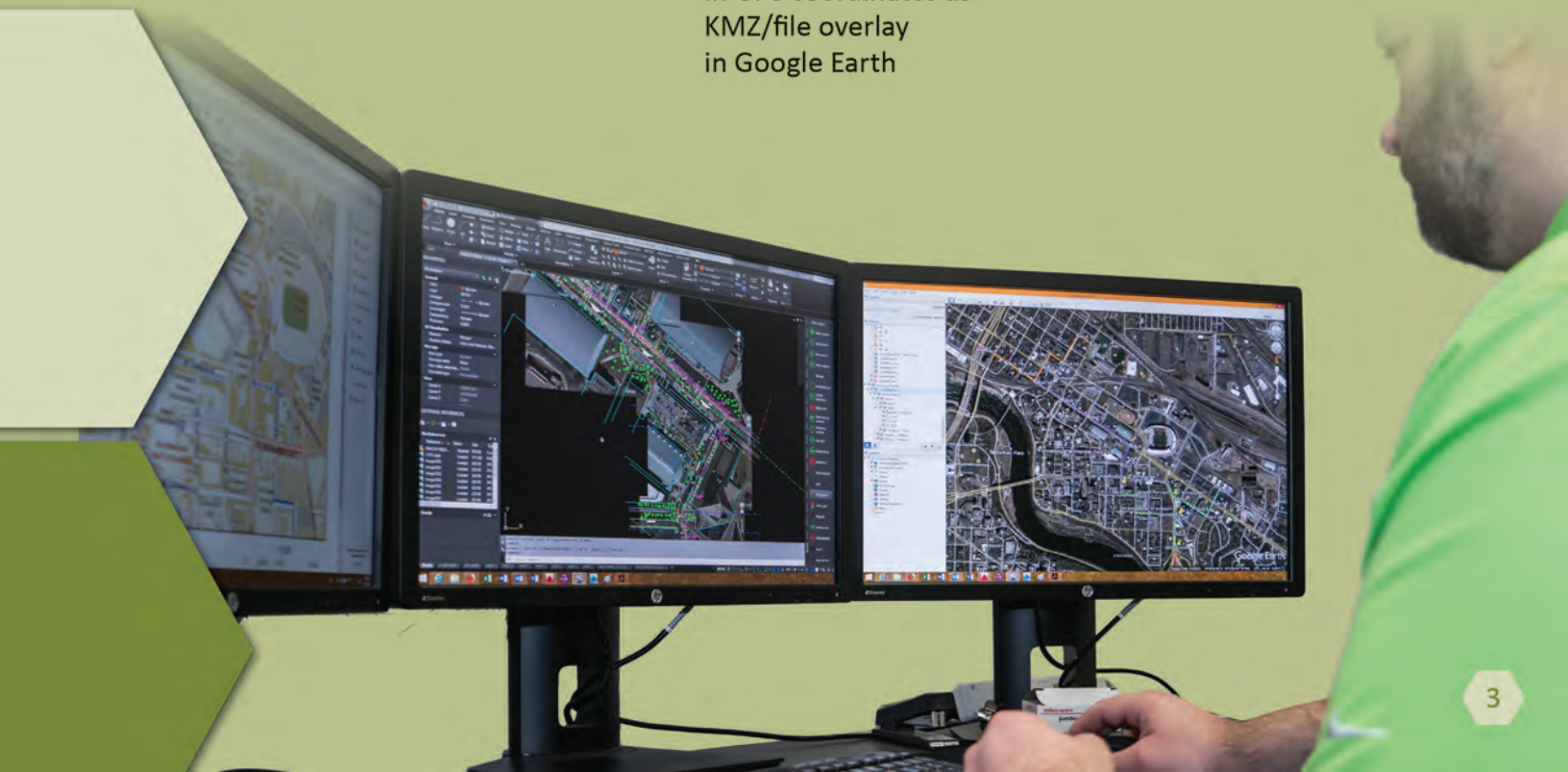




PROGRAMS AND DESIGN CAPABILITIES

Programs/Technology

- ▶ **AutoCad**
 - 2016
 - MAP3D
 - Raster Design
 - Plex Earth
 - GPS
 - Export new designs in GPS coordinates as KMZ/file overlay in Google Earth
- 4 CADD Stations
- Full Color Plotter/Scanner





PROJECTS

- 1. City of Burnsville**
SCADA Project - Designed 4 Fiber Rings with 28 Lateral site feeds.
- 2. Carver County**
Designed 98-mile Ring Backbone Fiber with 52 lateral sites totaling 34 additional miles.
- 3. TWT/Level 3**
Designed over 250 projects including fiber ring downtown St. Paul and South Ring Minnetonka, Eden Prairie, Edina, Bloomington, and Shakopee, MN.
- 4. PacTec**
Designed 18.27 mile build from Egan, MN to Farmington, MN.
- 5. Dakota County**
Fiber Optic Inventory
- 6. Independent School District 196**
Rosemount - Apple Valley - Eagan Schools.
- 7. City of Eagan**
Designed City of Eagan Fiber Network and accessed Eagan Fiber Network Ring.



MAJOR CUSTOMERS

1. CenturyLink
2. Zayo
3. Comcast
4. Elert & Associates
5. Level 3
6. Charter



UTILITY ENGINEERING

(320) 963-2836

www.consulttlr.com