

**Alex Lange**  
2321 N. Loop Drive, Suite 221  
Ames, IA 50010

**EXPERIENCE**

**SUMMIT CARBON SOLUTIONS – Ames, Iowa**

**Sept 2021 – Present**

**Director of Engineering (May 2023 – Present)**

- Leading team of engineers to complete all aspects of engineering, design, and procurement for a roughly 2,500-mile carbon capture and sequestration system throughout Nebraska, Iowa, South Dakota, Minnesota, and North Dakota
- Responsible for development of the company risk assessment and risk management process
- Assisting in the development of federal, state, and local permitting efforts which includes providing written and verbal testimony during the permit hearing process

**Engineering Manager (Aug 2022 – May 2023)**

- In addition to the responsibilities previously held for facility design and construction, additional responsibilities include design and execution for the Dakotas, which includes the 450 mile 24” mainline.

**Facilities Engineering Supervisor (Sep 2021 – Aug 2022)**

- Led team of engineers to complete the design and execution of (6) carbon dioxide pump stations as well as (3) sequestration facilities

**WHITEWATER MIDSTREAM – Austin, Texas**

**Aug 2019 – Sept 2021**

**Staff Engineer**

• **Whistler Pipeline**

- Led the design and execution of (17) residue gas meter stations, with a total EFC of \$54MM, the largest facility had a capacity of 500MMscfd with a system total of 3.5Bscfd
- Led the design and execution of (9) pipeline laterals, with an EFC of \$25MM, ranging in diameter from 12” – 24”

• **BANGL Pipeline**

- Led the design and execution of (2) NGL pump stations, with a total EFC of \$15MM
- Completed steady-state hydraulic design, utilizing ProMax, for 600+ mile system with multiple receipt and delivery meter stations

**MARATHON PETROLEUM – Findlay, Ohio**

**Jan 2016 – Aug 2019**

**Project Engineer I & II**

• **M&TE Major Projects (Aug 2017 – Aug 2019)**

- Capline Reversal – Team Lead
  - Led multi-disciplinary team to design and plan \$193MM Capline system reversal
- Patoka Tank Farm Expansion – Electrical Engineer
- Ozark Pipeline Expansion – Electrical Engineer
- Zachary Tank Farm Expansion – Electrical Engineer
- Broadway II Expansion – Electrical Engineer
- Utica Build Out – Electrical Engineer

• **M&TE Pipeline Engineering – Electrical and Controls (Jan 2016 – Aug 2017)**

- Responsibility included: designing, estimating, scheduling, procurement, and execution
- 2017: Managed a portfolio of 7 projects with a total budget of \$4.18MM
- 2016: Managed a portfolio of 19 projects with a total budget of \$1.29MM

**INTERNSHIP EXPERIENCE**

- General Motors, Marathon Petroleum, GE Aviation, Polaris Industries, Michigan State, TRW Automotive

**EDUCATION**

**MICHIGAN STATE UNIVERSITY - East Lansing, Michigan**  
**Bachelor of Science Degree in Electrical Engineering**

**December 2015**