

# Project Management Intern – Engie

Chris Baxley – EEDS | Sustainability and Business



## ENGIE North America and Ohio State University

\$1 billion partnership between OSU and Engie signed in 2017:

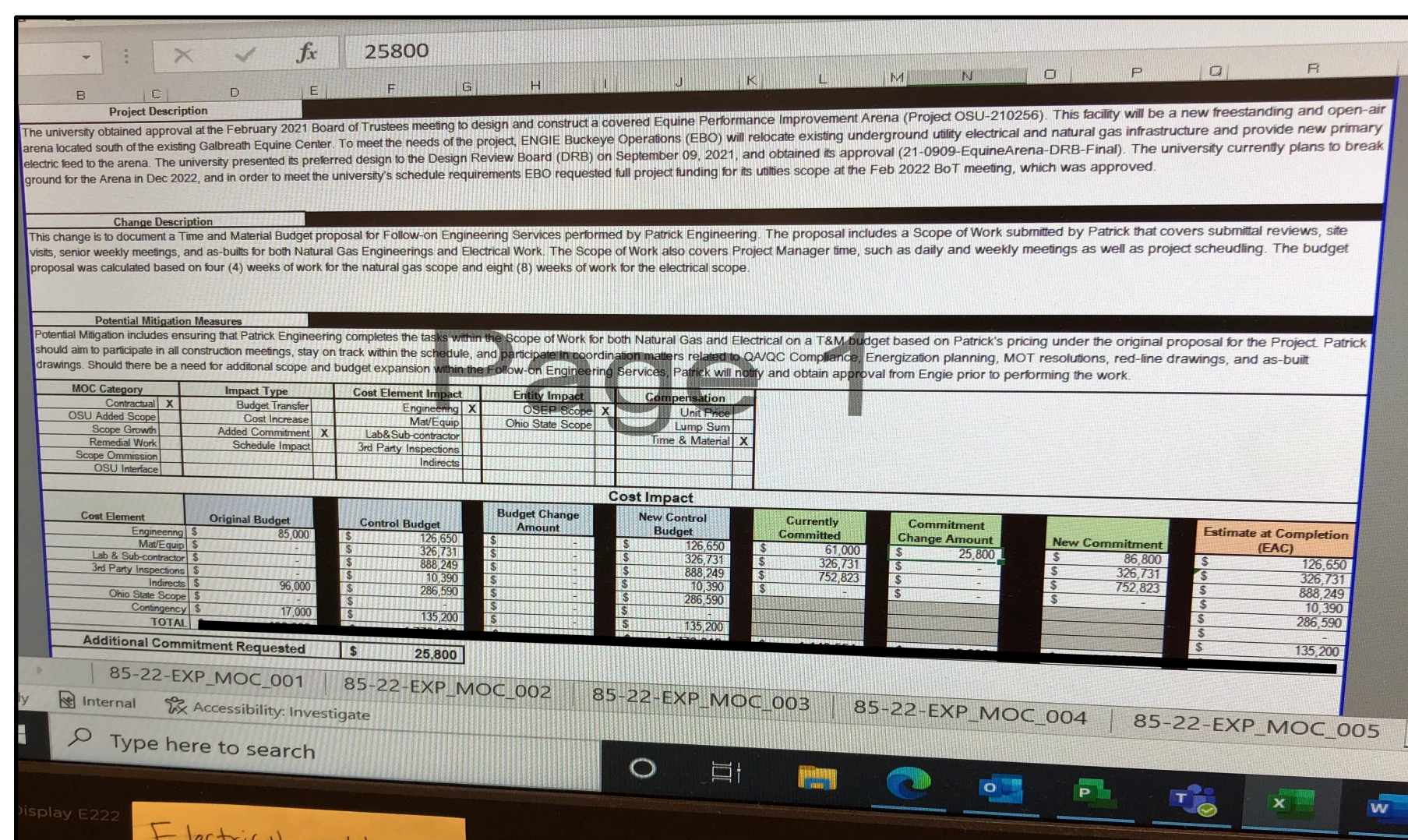
- Operation and Maintenance of all OSU utilities
- Goal of 25% energy efficiency improvement within 10 years
- Construction of innovation center, \$150 million dedicated to academic efforts towards sustainability



View of The Shoe from South Campus Central Chiller Plant

## My Role

- Assist Supervisor with managing project portfolio
- Support coordination efforts between project stakeholders
- Oversee project schedules, funding, and progress



Contractor change order processing and management

## Some things I learned

- Construction safety basics – proper procedures, equipment, Maintenance of Traffic plans
- Earned Value Management – tracking progress, hours, percentage complete, all on a monetary value
- How to create and format funding memos and templates to be sent to Board of Trustees for approval
- General tricks of the trade, office etiquette, and much more!



Natural Gas piping infrastructure relocation as part of Equine Center Project



Chiller units located in East Chiller Plant on campus

## My Main Project and Achievements

The main project that I worked on for the bulk of my internship was utility infrastructure relocation (natural gas, electric) as part of OSU's new Equine Performance Arena project

- Managed construction schedule
- Performed daily site visits
- Assisted with invoicing and change orders



Small section of Equine project construction; left to right: excavation, concrete encase, backfill and asphalt pour



I also helped on setting up site visits and drafting funding memos for a new chiller to be installed in the SCCC (1st pic), a project valued over \$16 million.

On top of that I helped performed an analysis and create a report of the water main break during finals of Spring Semester '22.

Backup tanks that provided water to hospital during water outage – part of report above



## A Successful Summer

Overall I really enjoyed my time with Engie, and gained a lot of valuable experience in this industry. I hope to eventually land a job working in the Renewable Energy sector!



Selfie taken on construction site for new CHP plant on campus



Some friends made along the way! (L → R: Justin, Steve, Me, Jose)

## ACKNOWLEDGEMENTS

A big thanks for all the help and guidance this summer from the Engie staff for making everything smooth and fun! And to my supervisor Remy Majoie for teaching me how to be a Project Manager!

