

DEC1702A SENIOR DESIGN II FALL 2017

Yuxuan Yuan

Shengxin Mao

Changlin li

Weekly Report 2 (Week 9)

1. Brief summary of the activities in the last three weeks.

In these three weeks, the most important thing was the simply presentation with our sponsor. John Bilsten, the General Manager of Algona Municipal Utilities, came ISU in the October. We prepare a brief presentation to introduce our work, the future plan, and the currently troubles. From the presentation, we checked the one time project or step-by-step project, UG or OH, outage data, model update, draft design route, project period, etc. After analysis these information, we decided to contact with DGR about the update model and send three draft design routes with description to our sponsor to check the available or not in geography level. At the same time, we found Algona Municipal Utilities use different buried way in their distribution system. That means we need to figure out the different in the cost way.

2. Status-summary of the extra credit homework(s) that are due week #10

Based on the presentation feedback, we edit our extra credit homework (i) and (ii). We hope the homework can be used in our final poster.

3. Any exceptions that could affect the demo/presentation.

About the demo, we still need to run the whole system. But we can show the work status of model without report. The report needs to run about ond hours. We plan to run the report at advance and show the system work status in the demo.

4. Any items more-remotely related to the project that need to be discussed.

The DGR update model and sponsor feedback about geography of draft design route are important for us. From the email response, we trust we can get the result in the end of week and do the next step.