Water and Wastewater

Teddy Deahl
Energy Engineer, Bowen Engineering
What makes a good engineer?

• Math and science-oriented
• Good with your hands - shop
• Some intellectual curiosity
• Problem solver
• A desire to go to the head of the class
  • Expected of Purdue grads
• Competitive
Benefits of an Engineering Degree

- Shortage of engineers – job opportunities
- Better wages/salary
- More rigorous curriculum – broader education
- Greater opportunity for advancement
- Professional license
- Launching pad to other professions
Hidden Values of Being an Engineer

• Value-driven - Purdue
• Project driven
• Field experience
• Cutting edge of industry
• Certain prestige
• Pride
Engineering vs. Engineering Technology

Purdue University
What is a typical Bowen career?

- Project Engineer
  - Estimating
  - Project Support
- Project Manager
  - Project Responsibility
- Senior Manager
  - Multiple Projects
- Area Manager
- Company Executive
What was my career path?

- Energy Engineer
  - GSC Calculations
  - Estimating Support
  - Project Support
- Account Manager
  - Relationship Builder
  - Contract Management
  - Continuous Relationship
Durkee’s Run CSO
Getting Through the Intersection
Scope: $43.7 million

- Start Date: July 5th
- Road to be Opened: August 19th
- Develop a Plan
- Get the Buy In
- Hold People Accountable
- Execute the Plan
- Don’t be Afraid to Change as Better Ideas Come Along
West Lafayette CSO
Storage and Conveyance
Scope: $25 million

- Finished November of 2016
- Directional Drill Under a Railroad
- 96” RCP Under State Street