## **Streamlining Field Operations**

Michigan State University

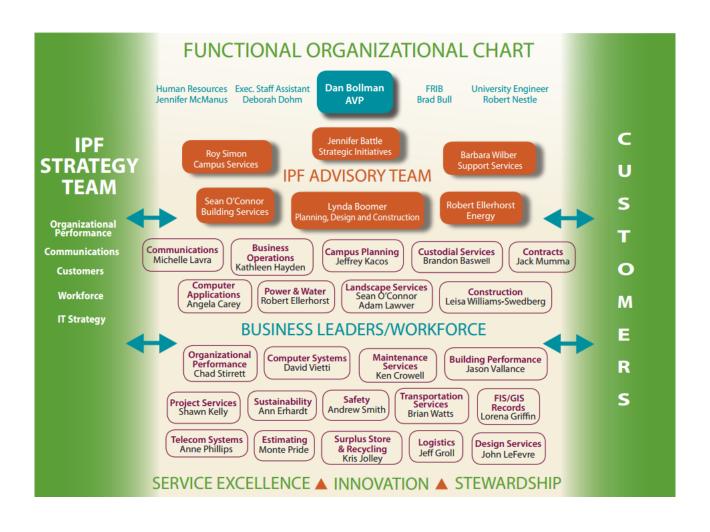
#### **Presenters**

- Jade Freeman
  - GIS Manager Infrastructure Planning and Facilities
- Adam Lawver
  - Landscape Services Assistant Manager Infrastructure Planning and Facilities
- Brian Keesey
  - GIS Analyst Infrastructure Planning and Facilities

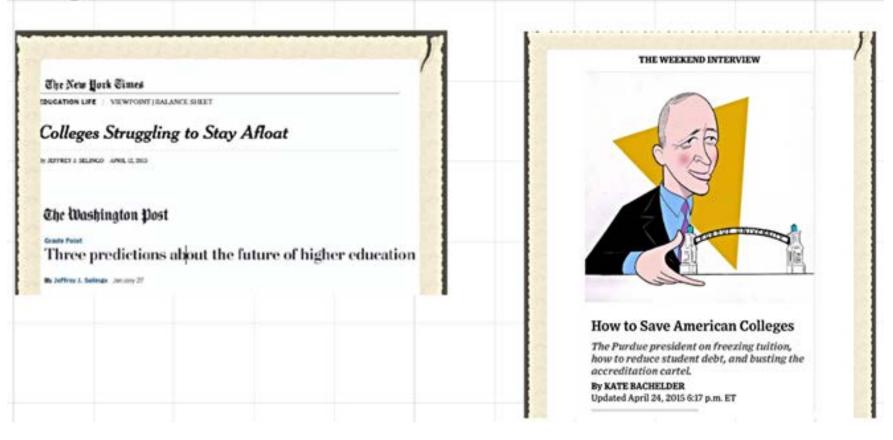
#### **MSU Facts**

- 549 buildings / ~23 million GSF
- 5200 Acres / ~2000 developed acres / ~1600 managed acres

# Infrastructure Planning and Facilities



# Higher Education Financial Turmoil...





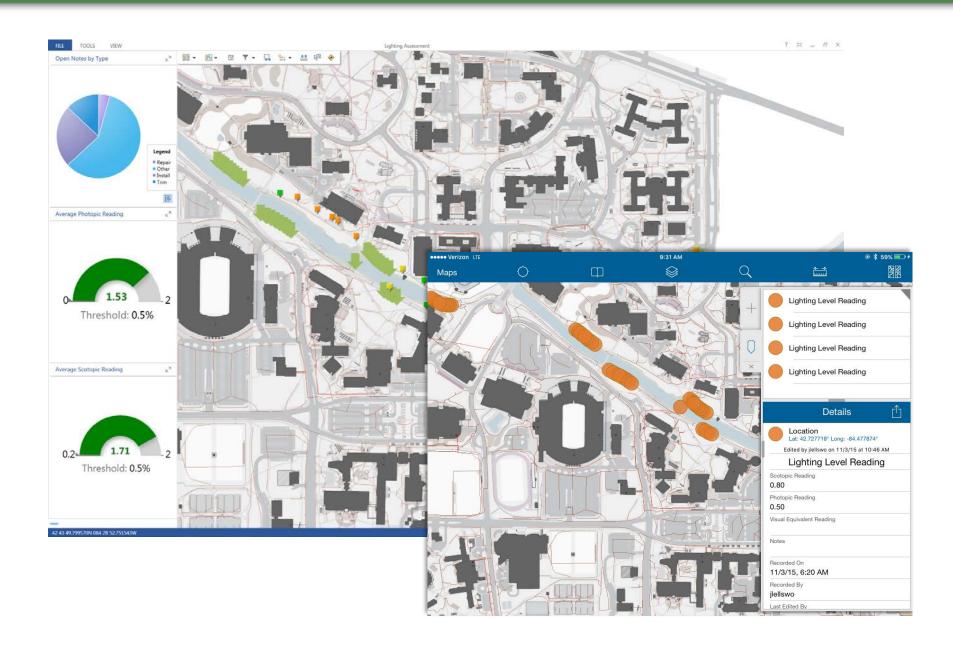
#### **Employee Engagement**

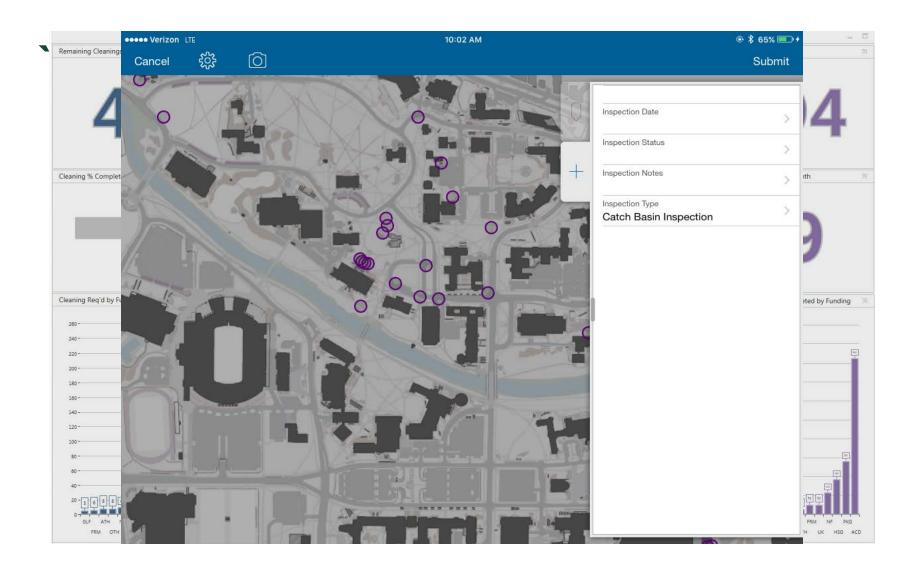
"At the end of the day when we come back to turn in our timecards and punch out, everyone passes by the dashboards and it's motivating to see how much work you did today and think about whether you can do a little more tomorrow to move the needle going forward...."

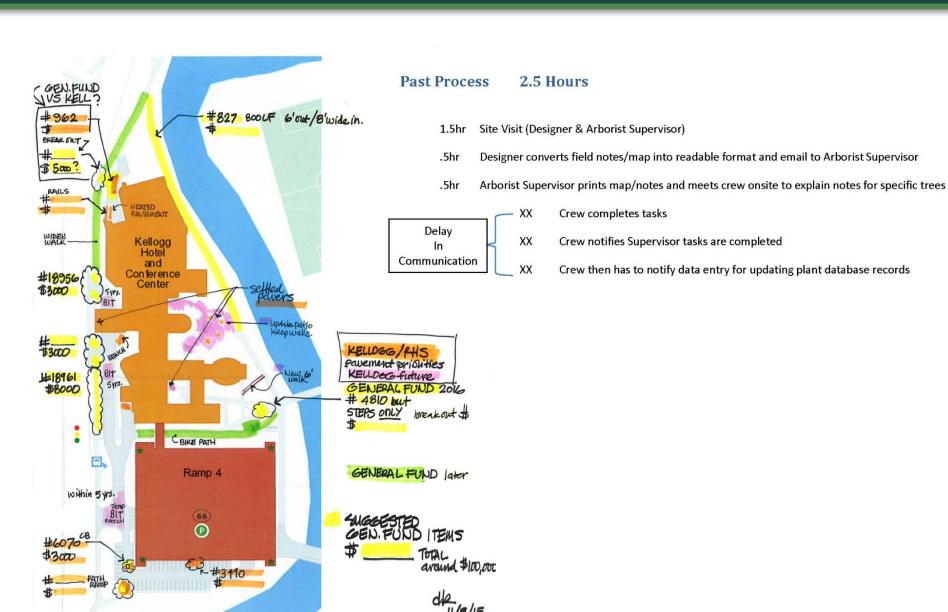


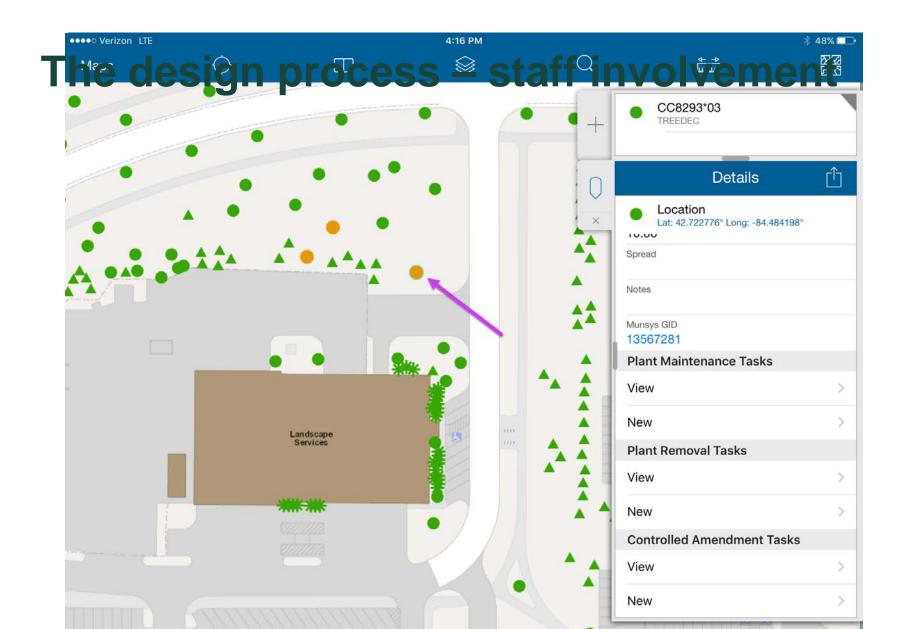
"It's instant gratification. I did this today...this is where I need to be tomorrow...and this is the goal that I want to meet. ... I'm going to push myself to do better because now I can see the numbers..."

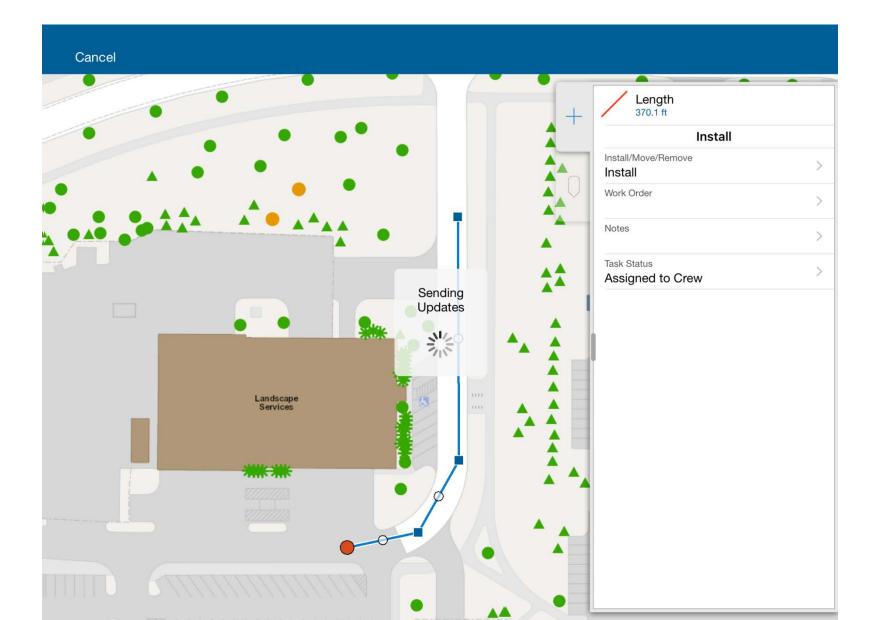
"... I see what other crews are doing and I want to be a part of that and I feel that's the way our culture is going, I feel it's very positive and I'm extremely excited to be a part of it "

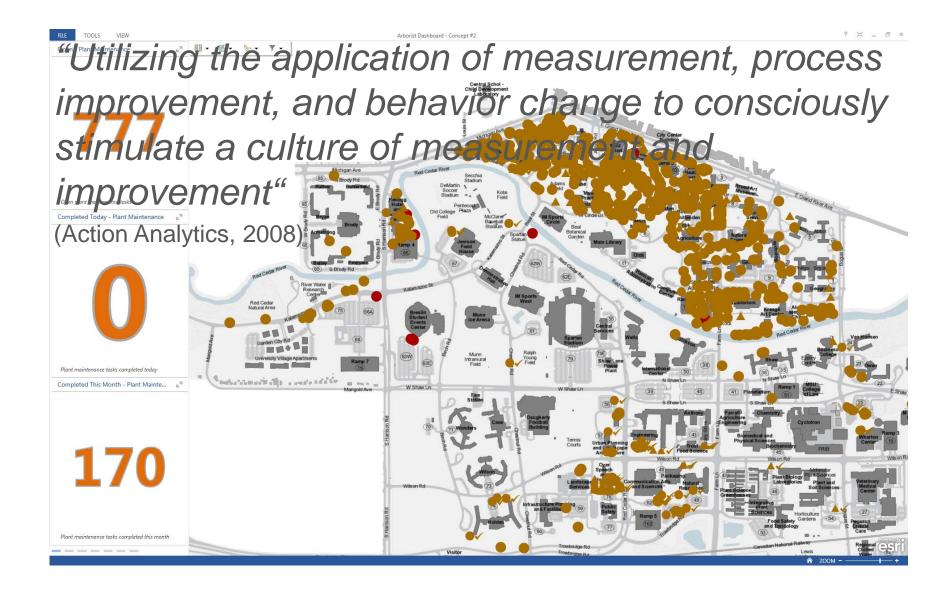


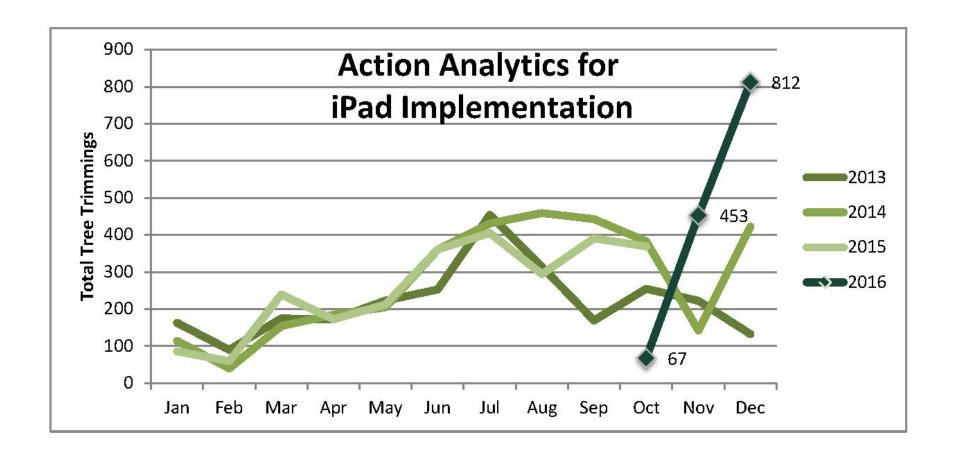


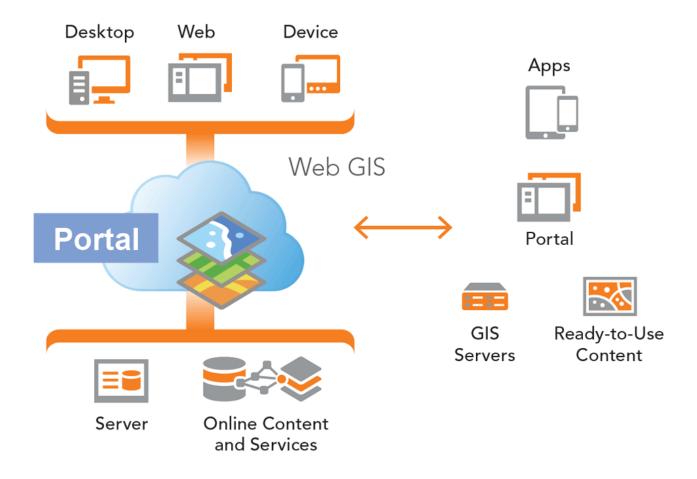












#### **Lessons Learned, Considerations**

- ArcGIS Server infrastructure
- Licensing Portal, ArcGIS Pro
- Phased approach, solve small problems first
- Celebrate early wins
- Dashboard design and metrics
- Mobile device strategy and management philosophy
  - Wireless plans and device acquisition
  - Employer vs. Employee provided devices

### Thank you!

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