Asset Management: Taking the Next Step

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Prior to 2018 Projects
PASER Distribution (from TAMC)

- Poor: 74%
- Fair: 20%
- Good: 6%
Background

- History of Berrien County and Roadsoft
  - TAMC
  - Signs

- Implementing Asset Management
  - Roadsoft
What do we do?

- **Asset Management**
  - Challenges:
    - Where to start?
    - Roadsoft
      - Training
    - How do we find the right “Mix of Fixes”
      - Data Driven
    - Public Outreach
Three Year Transportation Plan(s)
Data Driven Improvements

• Transportation Plan: Up and RUNNING!!!
• 2019 Construction Season
• Continual Revisions to 3YP
• Data Collection
BCRD Primary Roads
PASER Distribution Results

- **2017**
  - 65%
  - 19%
  - 16%

- **2018**
  - 51%
  - 16%
  - 33%

- **2019**
  - 52%
  - 20%
  - 28%
Construction Schedule

- Master Schedule 1.0
  - Static document
- Master Schedule 2.0
  - Construction Schedule
    - Maintenance Planning
- Budget
- Township matching program
- Communication
  - Internal
  - External
• Enterprise Asset Management
  • Anything and Everything
  • ArcGIS
  • Roadsoft
  • Real time Updates and Data collection
  • Master Schedule 3.0
Problems & Discussion

• Roadsoft
  • Project Selection Tool
  • Sealcoat vs Asphalt
  • Overlapping Triggers
  • Fix Types and Cost
  • Overriding Cost
  • Short Segments

• Master Schedule 3.0
  • Database queries vs. data entry
    • Precision data
    • Roadsoft data

Problems
Solutions
Questions?
Thank you!

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