



# Roadway Pavement Management Strategic Report

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Corridor MPO



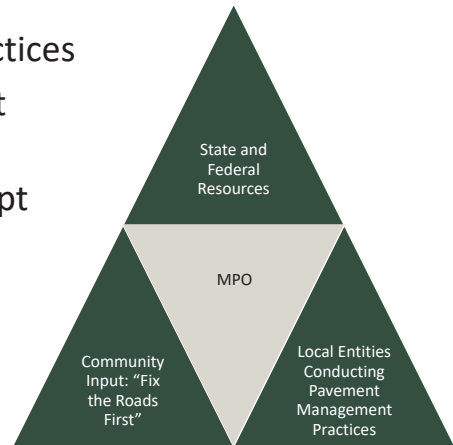
## Overview of Presentation

- Purpose
- Approach
- Iowa Pavement Management Program (IPMP)
- Current Pavement Conditions
- Current Local Pavement Management Approaches
- Corridor MPO's Pavement Management Strategy
- Main Takeaways

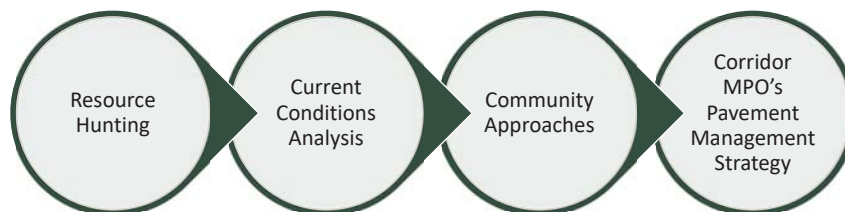


# Purpose

- Analyze current pavement management practices
- Understand how the Corridor MPO can assist with pavement management
- Outline strategies the Corridor MPO can adopt



# Approach



# Iowa Pavement Management Program



- Located within the Center for Transportation Research and Education at Iowa State University
  - Services offered:
    - Collects roadway pavement condition data
    - Collect video logging data
    - Assists jurisdictions obtain pavement management software
    - Offers training on pavement management and software



# Current Pavement Conditions



- Gathered data from IPMP's web portal
  - Customized this data in ArcGIS to specific member jurisdictions
  - Understand current pavement conditions across the metro area
  - Allowed the creation of several deliverables identified within report



# Current Local Pavement Management Approaches



- Specialized Programming
  - Paving for Progress – City of Cedar Rapids
  - HMA Overlay – City of Marion
- Local Option Sales Tax (LOST) Funds
  - Cities of Cedar Rapids, Ely, Fairfax, Hiawatha, Marion, and Robins
- Local Budgets
  - Capital Improvement Program



# Corridor MPO's Pavement Management Strategy

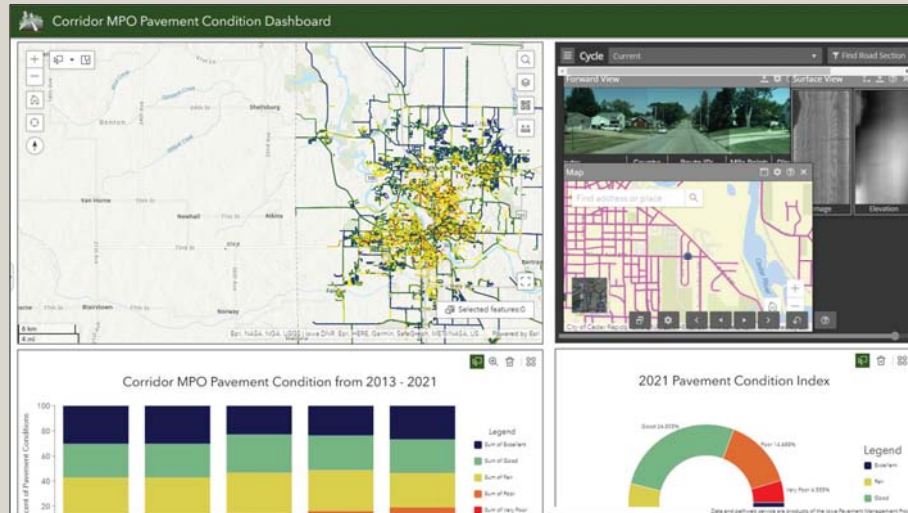


- Analysis identified five actionable items
- Each item assists with obtaining and disseminating data
- Items will continuously be updated

Deliverable	Timeframe
Interactive Pavement Management Dashboard	Winter 2022, Bi-annually update
Pavement Condition Report Cards	Winter 2022, Bi-annually update
Approve Funding for Pavement Data Collection	January 2023, Bi-annually update
Create Funding Chart	Summer 2023, Update as needed
Discuss dTIMS Software for Smaller Jurisdictions	Summer 2023



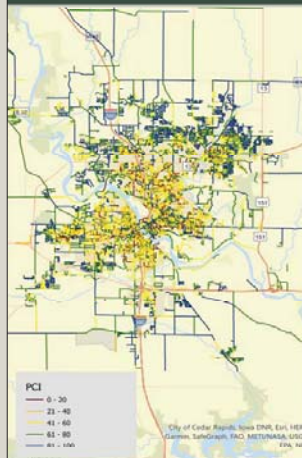
# Interactive Pavement Condition Dashboard



## Report Cards

### Corridor MPO

#### 2021 Roadway Pavement Report Card



#### Pavement Condition Trends from 2019 - 2021

- Excellent +3%
- 
- Good -1%
- 
- Fair -5%
- 
- Poor 0%
- 
- Very Poor +3%
- 

#### Funding Opportunities

Surface Transportation Block Grant Funds



# Corridor MPO's Pavement Management Strategy



- Other action items
  - Approve funding for pavement data collection
    - Approved in January 2023
  - Create a funding chart for pavement management
    - Available upon completion of trails pavement management plan
  - Discuss dTIMS software for smaller jurisdictions
    - Discussions to begin summer of 2023



## Main Takeaways



- You don't have to reinvent the wheel. Just assemble it!
- Try to make things easy to utilize by the public.
- A regional strategy needs to work for your largest and smallest communities.



Questions?

