



# Infrastructure Condition Evaluation (ICE)

Data and Process

IOWA DOT

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## Agenda

### **ICE Process**

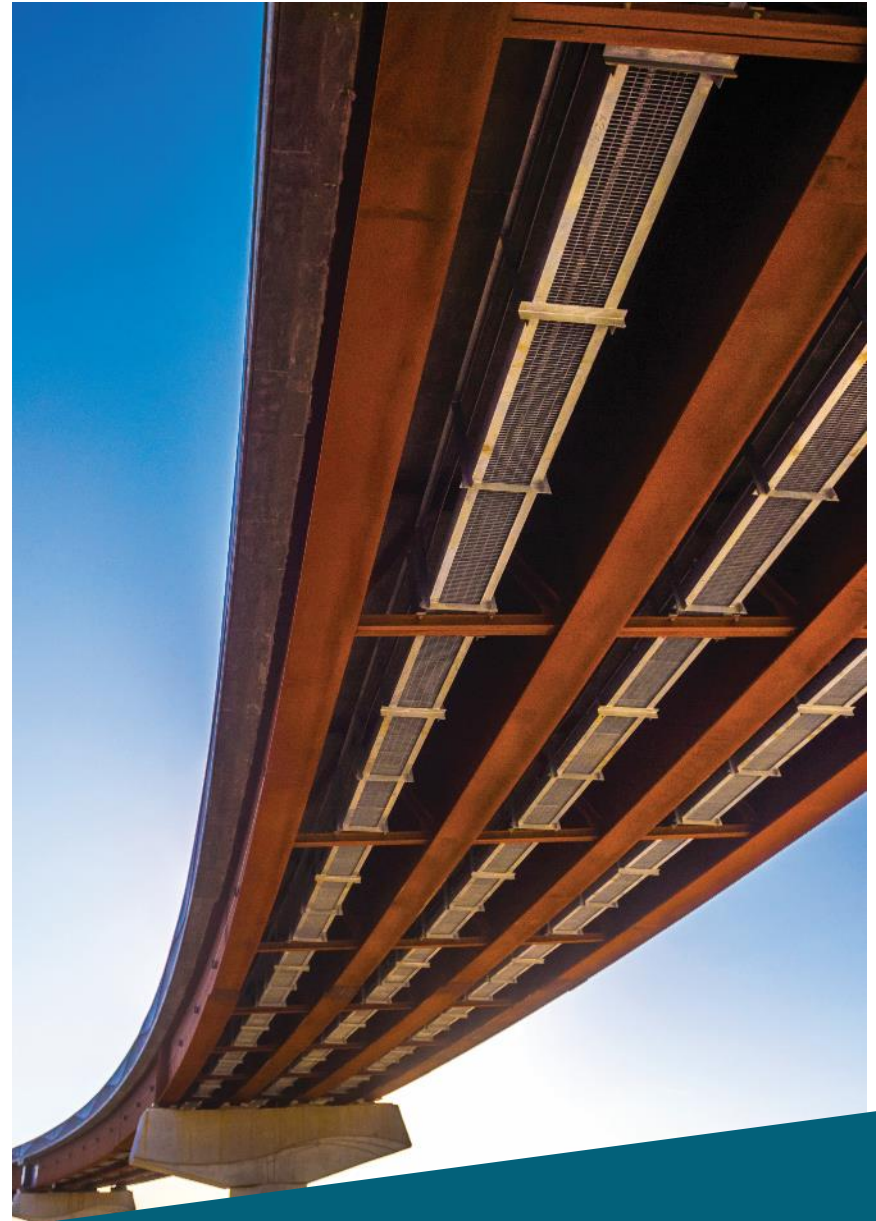
Quick overview of what ICE is and how its created

### **Planning Corridors**

Changes to the summary corridors

### **ICE 23**

Status of the ICE Report



# Infrastructure Condition Evaluation

IOWA | DOT

DMV TRAVEL BUSINESS FORMS CONTACT US A-Z INDEX

- Passenger Transportation Plan (PTP)
- + Performance Management
- + Planning Agency Information
- + Planning Area Boundaries
- Plans and Studies
  - [Iowa Aviation System Plan](#)
  - [Iowa in Motion - State Transportation Plan](#)
  - [Iowa Interstate Corridor Plan](#)
  - [Iowa Park and Ride System Plan](#)
  - [Iowa Railroad System Plan](#)
  - [Iowa State Freight Plan](#)
  - [Medicaid transportation study](#)
  - [Medicaid transportation study appendices](#)
  - [Transportation Asset Management Plan](#)
- INFRASTRUCTURE CONDITION EVALUATION (ICE)
  - [Iowa Infrastructure Condition Evaluation \(ICE\) web tool](#)
  - [Iowa Infrastructure Condition Evaluation - Technical Memo](#)
  - [Iowa Infrastructure Condition Evaluation - Annual Report](#)
  - [Iowa DOT ICE web tool demo \(video\)](#)
  - [Iowa DOT ICE road analyzer demo \(video\)](#)
- + Programming/Transportation Improvement Program (TIP)
- + Public Participation Process
- + Quarterly Meetings

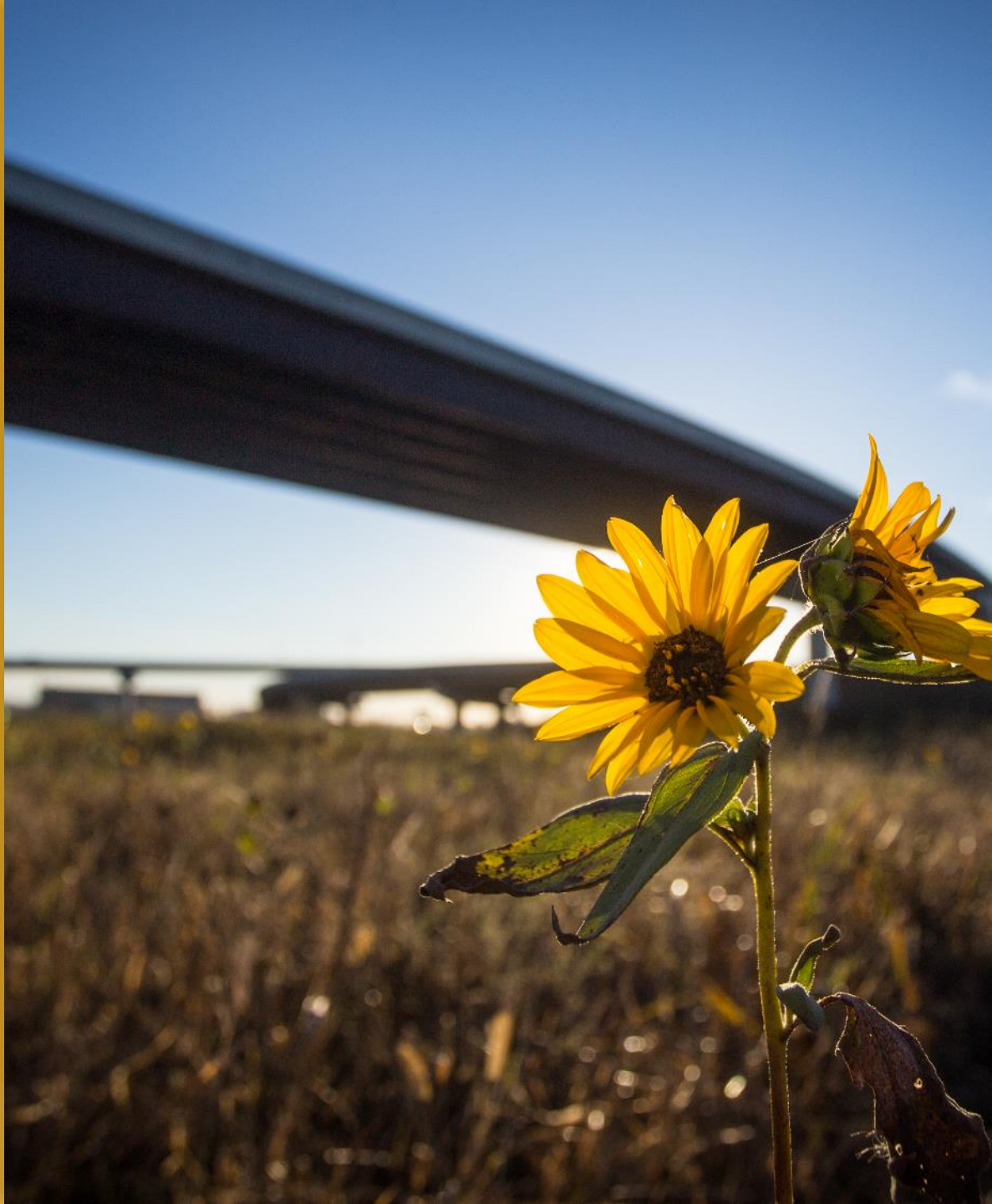
# Infrastructure Condition Evaluation

- Multivariate analysis to create a composite score
  - Passenger AADT (5%)
  - Single Unit Truck AADT (5%)
  - Combination Truck AADT (15%)
  - Volume to Capacity Ratio (10%)
  - IRI (15%)
  - PCI (25%)
  - BCI (25%)
- Summarized to “ICE Corridors”, now “Planning Corridors”

# Planning Corridors

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What's new?



## Purpose of Corridors

- “...corridors serve as an analytical tool for evaluating roadways between natural breaks on the primary system.”
- ~450 ICE Corridors
- Over 900 Planning Corridors

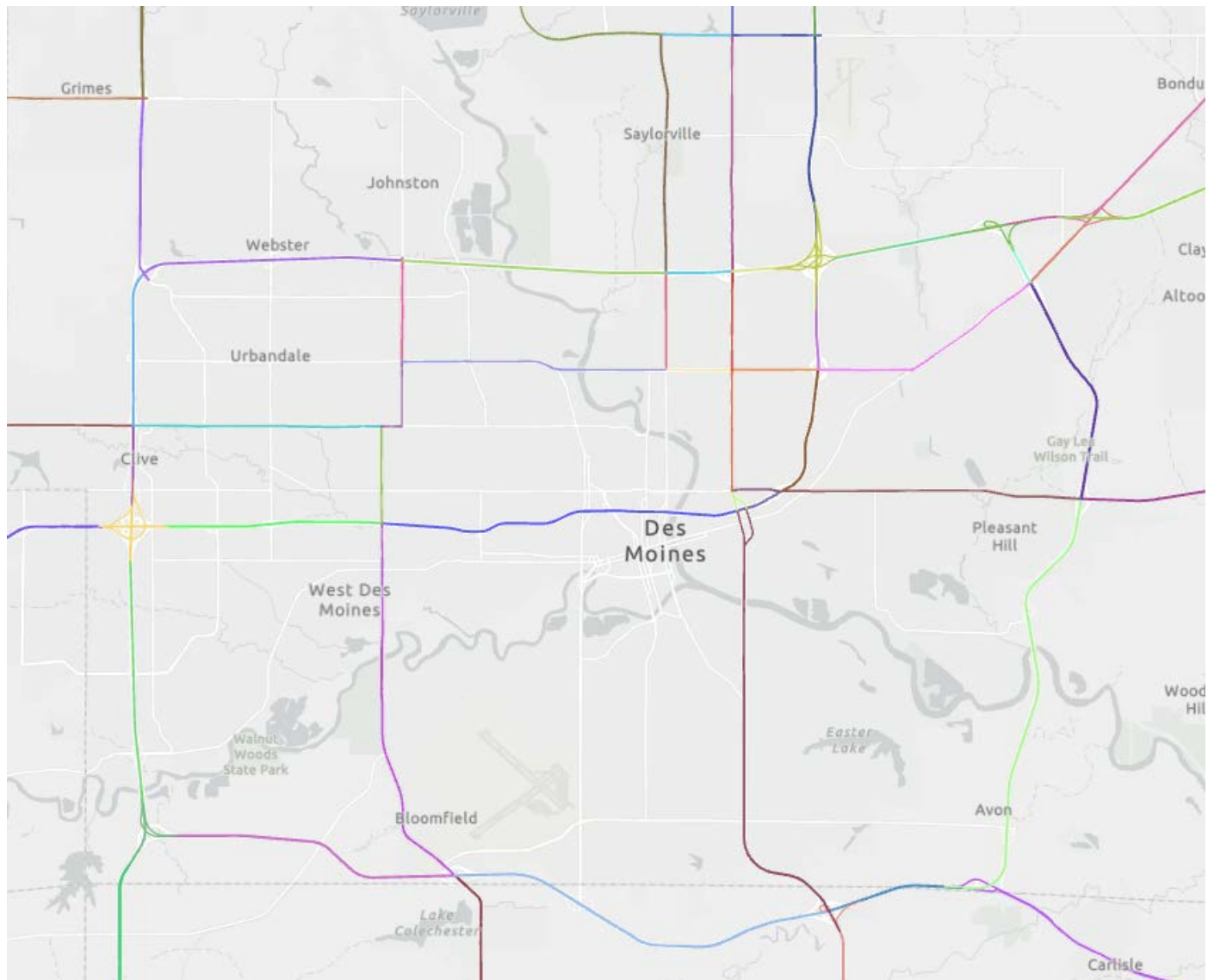


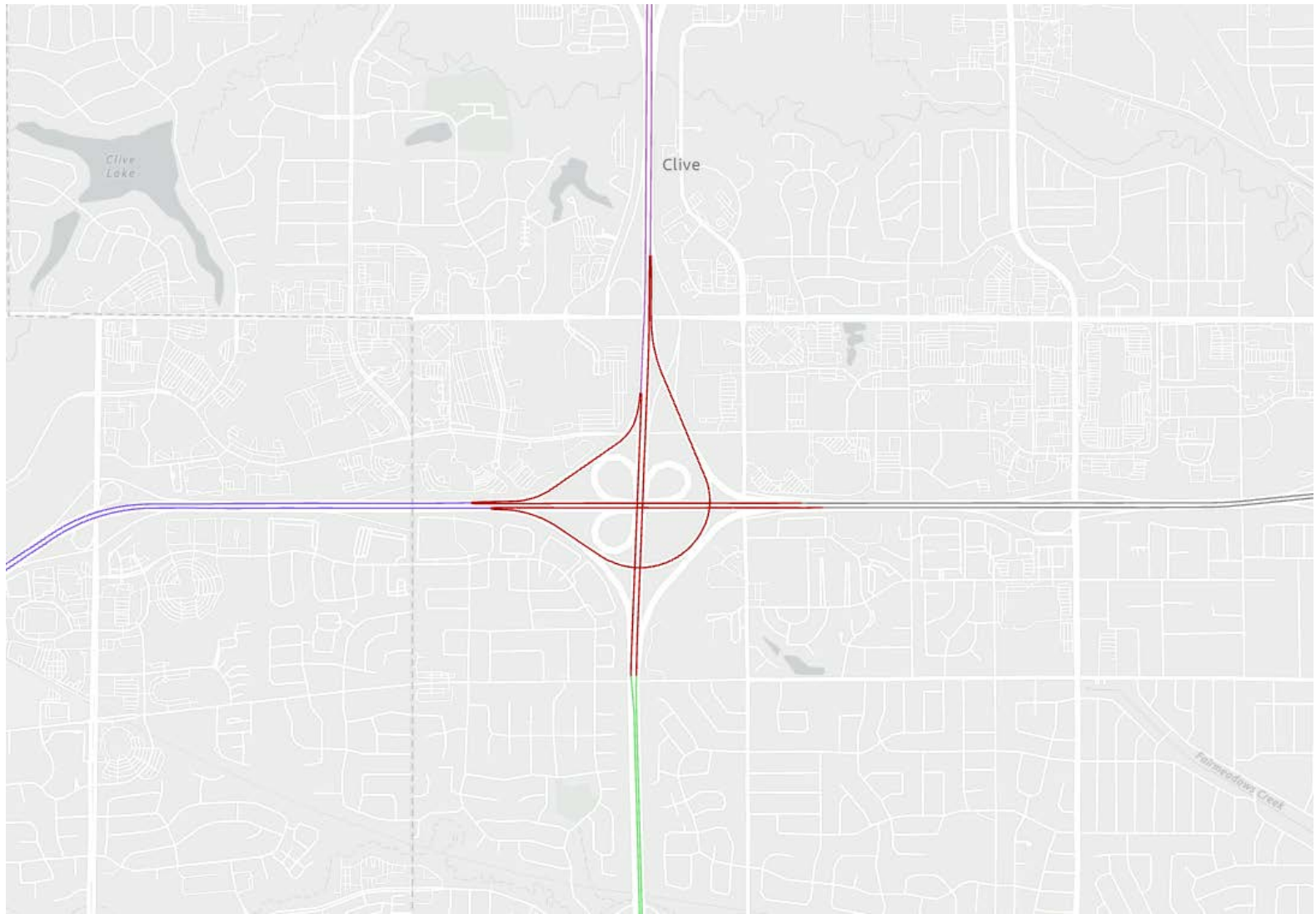
## Planning Corridors

- Termini at primary network intersections
- Adds 20 systems interchanges as corridors
- Intuitive naming system









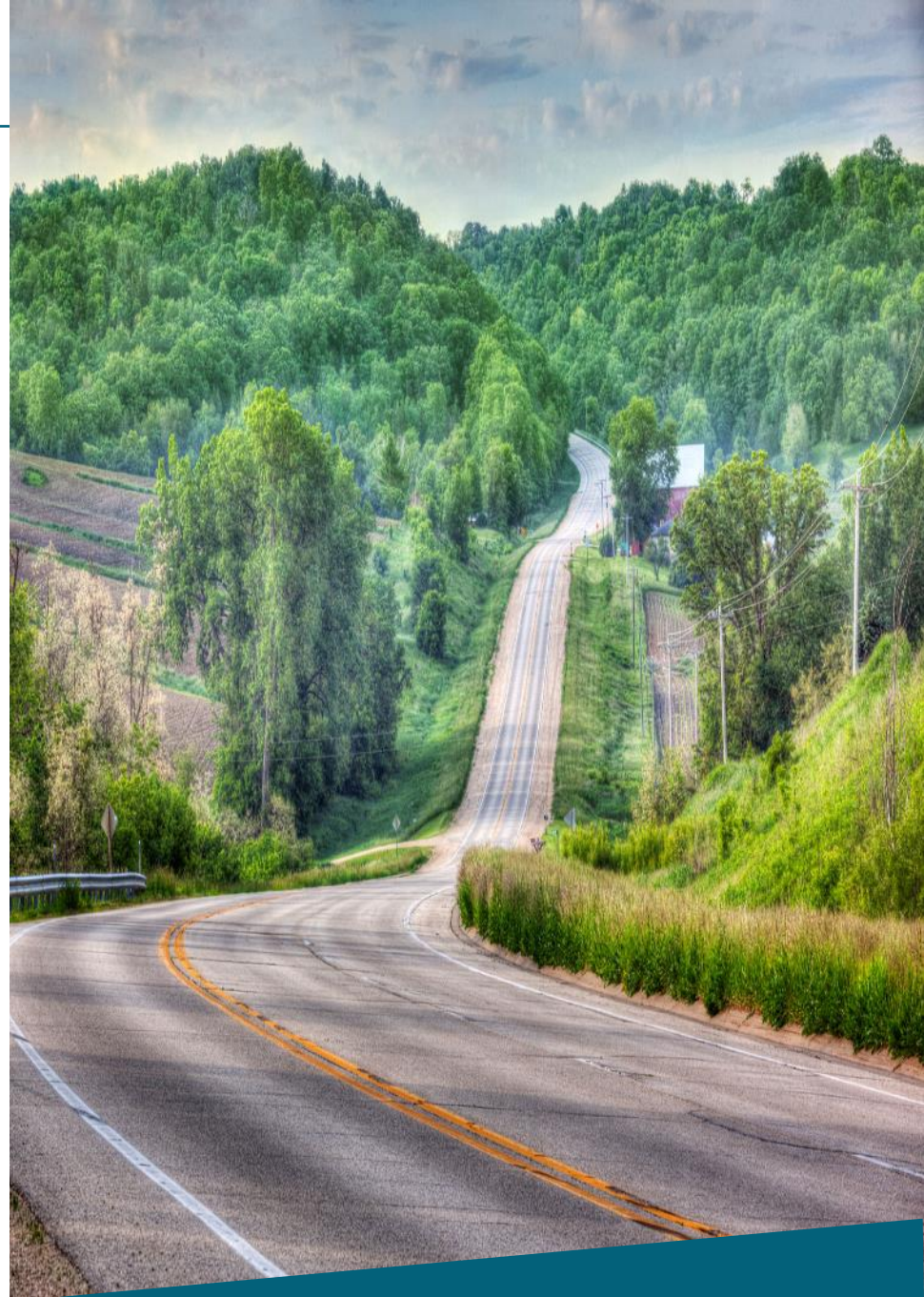
# ICE 23 Status

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Where are we at?



# Report Status

- TBD
- If you would like a copy of the report, please talk to me afterwards.



## Questions?

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