



Infrastructure Condition Evaluation (ICE)

Data and Process

IOWA DOT

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Agenda

ICE Process

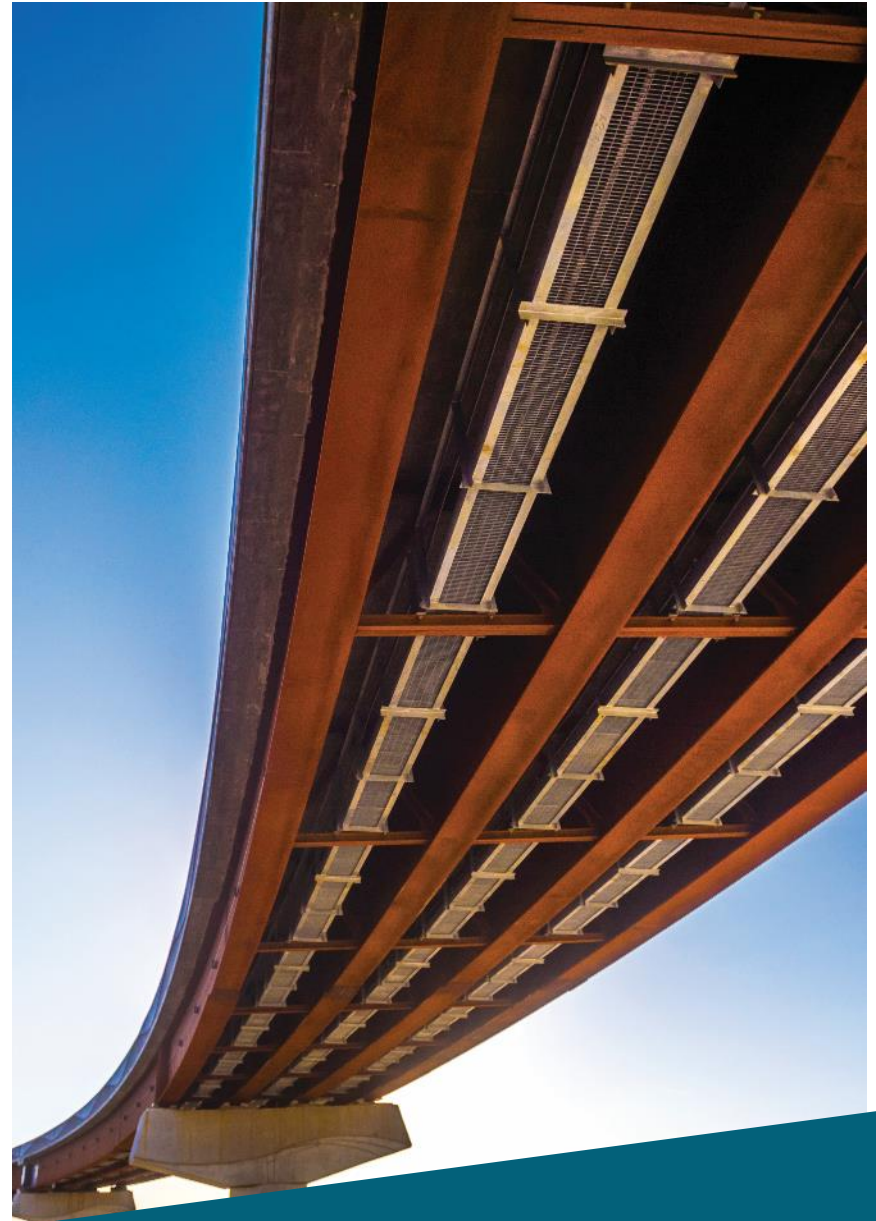
Quick overview of what ICE is and how its created

Planning Corridors

Changes to the summary corridors

ICE 23

Status of the ICE Report



Infrastructure Condition Evaluation

The screenshot displays the Iowa DOT website's navigation menu and a list of links related to the Infrastructure Condition Evaluation (ICE) program. The navigation bar at the top includes links for DMV, TRAVEL, BUSINESS, FORMS, CONTACT US, and A-Z INDEX. The main menu on the left lists various transportation planning and management topics, with 'Plans and Studies' expanded to show a list of links. The 'INFRASTRUCTURE CONDITION EVALUATION (ICE)' section is highlighted, showing links to the ICE web tool, technical memo, annual report, and video demonstrations.

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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 \(video\)](#)

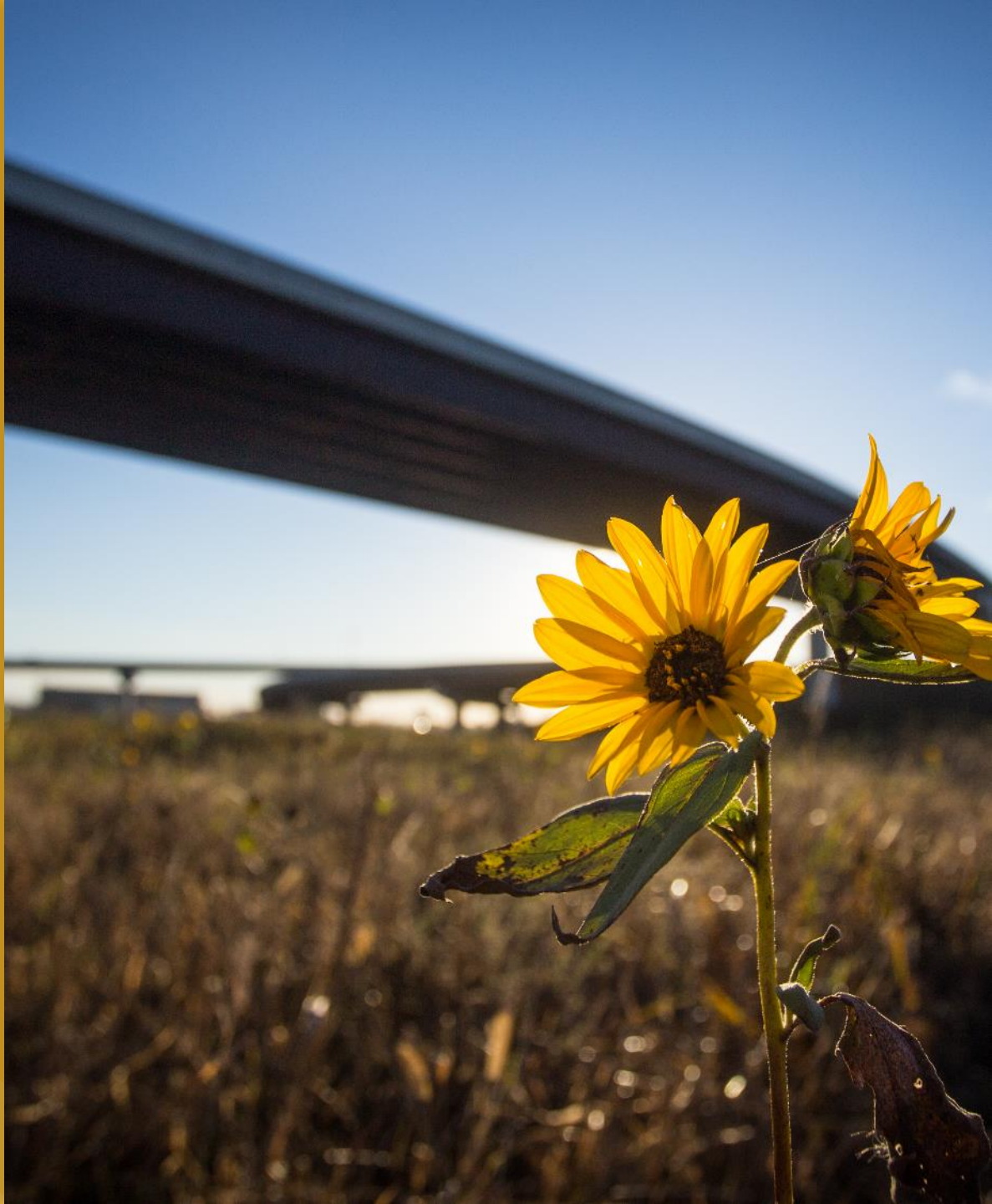
- + Programming/Transportation Improvement Program (TIP)
- + Public Participation Process
- + Quarterly Meetings

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

What's new?



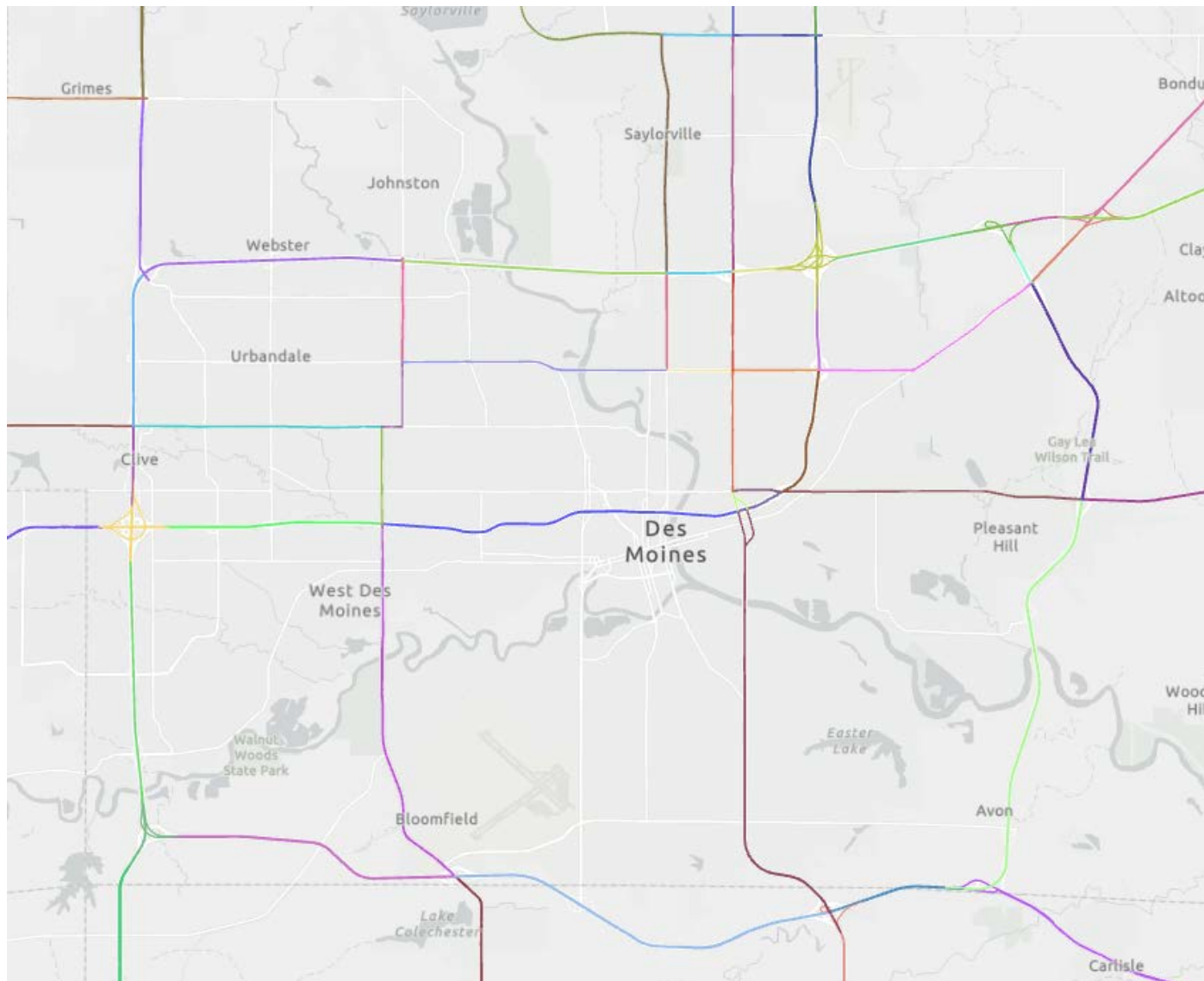
Purpose of Corridors

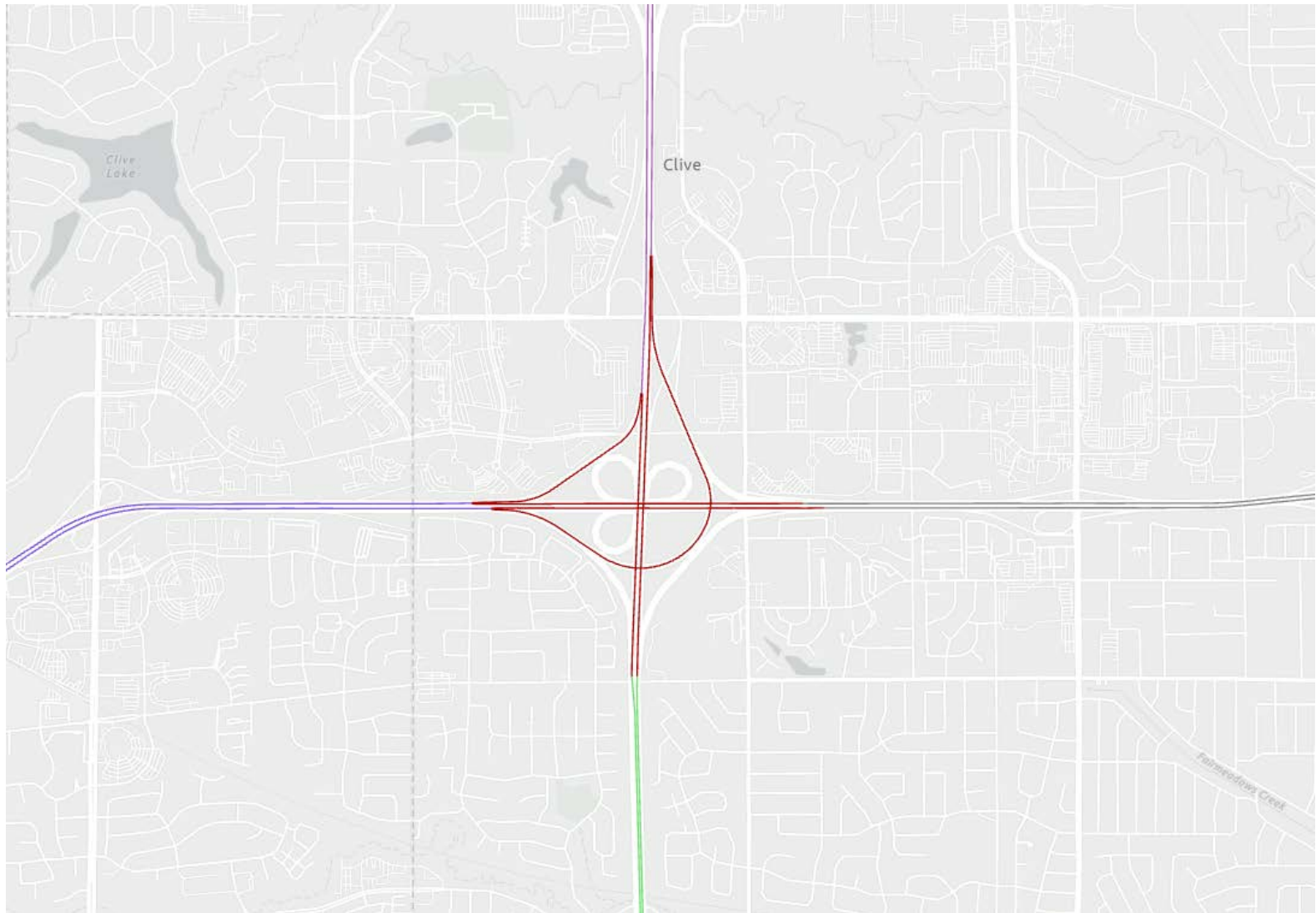
- “...corridors serve as an analytical tool for evaluating roadways between natural breaks on the primary system.”
- ~450 ICE Corridors
- Over 900 Planning Corridors

Planning Corridors

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







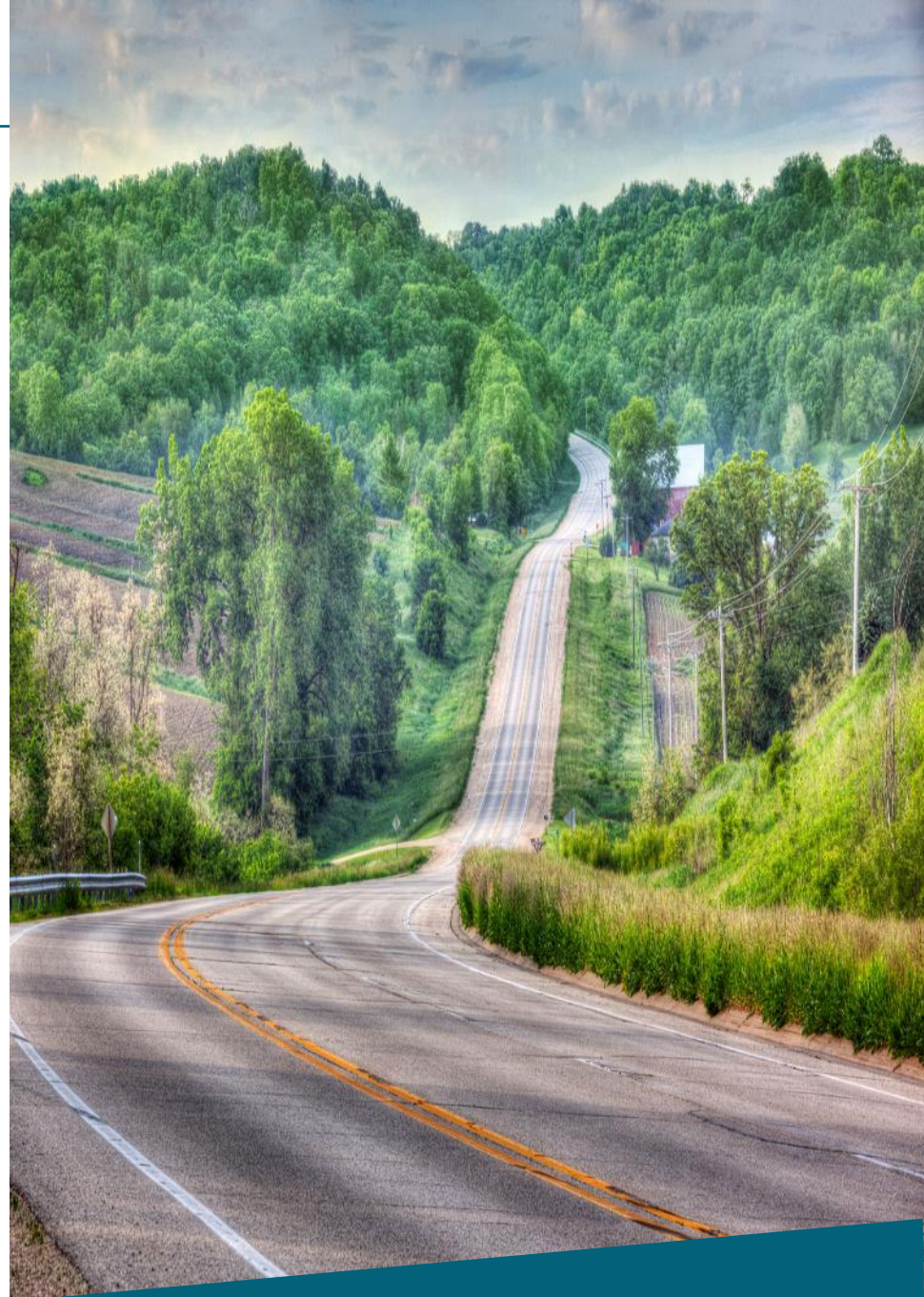
ICE 23 Status

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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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