Analytics/RAMS
Updates

2

RAMS Updates

Asset Data Collection

20 Data Items Collected
- 5 New Asset Items
- More complete records on existing RAMS layers
- Integration ongoing

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RAMS Updates

Asset Data Collection

Insert Web Page

This app allows you to insert secure web pages starting with https:// into the slide deck. Non-secure web pages are not supported for security reasons.
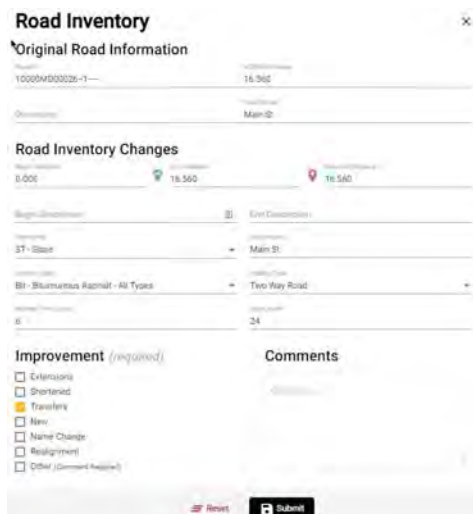
Please enter the URL below.

| https:// | gis.iowadot.gov/portal/apps/storymaps/stories/dc423faff2424718a0827f9cfb73d01f |

Note: Many popular websites allow secure access. Please click on the preview button to ensure the web page is accessible.

Web Viewer Terms | Privacy & Cookies   Preview

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RAMS Updates

Local Inventory Submittal

- Gathering requirements and determining the feasibility of implementing a web based application
- Pending potential scope of work from Rizing
- Goal
  - Streamlined data submission
    - Increase local participation
      - Ongoing local updates vs yearly
      - Decrease RAMS accuracy lag on Non-Primary Routes

Analytics
Contacts

RAMS Administration – Mike Clement
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RAMS Data Quality Manager – Jesse Denker
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Roadway Data Maintenance Coordination – Josh Schmidt
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Roadway Data Maintenance Support – Paul Mauer
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Railroad and Bridge Data Coordination - Jodi Clement
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Pavement Management Information - Mark Murphy
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RAMS Support – BJ Covington
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Questions?

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Pathweb

PATHWEB

- Location Based
  - Information associated to roadway
    - Imagery
    - Pavement Information
    - Asset information
- Help Documentation:
  https://rams.iowadot.gov/Pathweb/Client/userguide/index
  .html?v=1

ACCESSING PATHWEB

- URL: https://rams.iowadot.gov/Pathweb
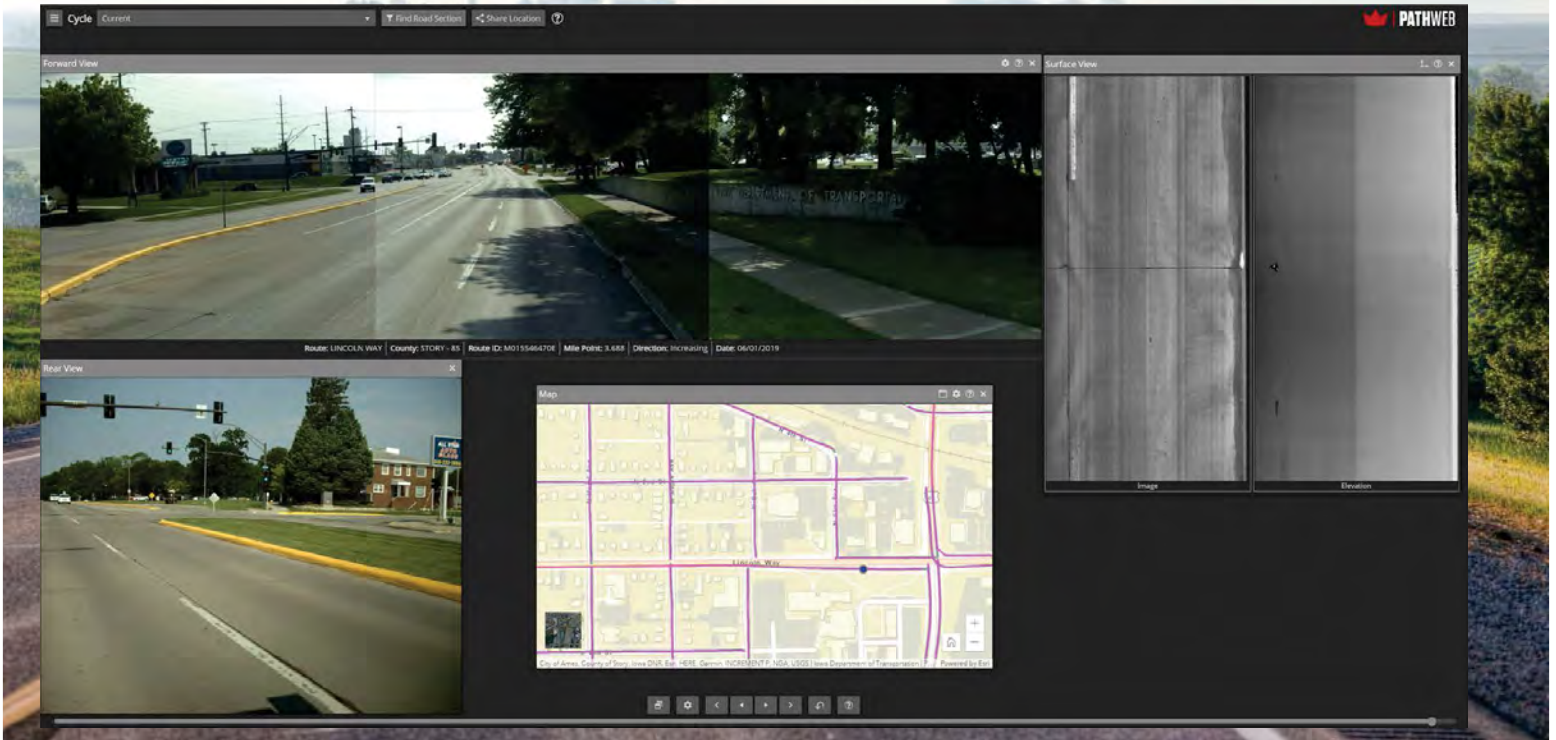 - Microsoft Edge
  - Google Chrome
  - Mozilla Firefox
  - Safari
  - Opera

PATHWEB

- Imagery
  - Forward (Shoulder & Right of Way)
  - Rear
  - Pavement Condition
    - Downward Facing

Utilizing Pathweb

Basic Controls

1 2 3 4 5 6 7 8

Image Controls

1. **Open Windows**
   Accesses the Menu
2. **Playback Settings**
   Set playback speed
3. **Step Backward**
   Against direction of travel 1 photo
4. **Play Backward**
   Against direction of travel continuously
5. **Play Forward**
   With direction of travel continuously
6. **Step Forward**
   With direction of travel 1 photo
7. **Turn Around**
   Transfer to opposite side of road (not applicable in Iowa)
8. **Help**

Menu

Cycle and Road Search

Window Title   Route Information

IRI Information

Location Details

The location details window provides

Location Details	
Route	IA 17 N
County	BOONE - 8
Route ID	S001930017N
Mile Point	19.601
Direction	Increasing
Date	05/31/2019
Coordinate	42.026818, -93.815366
Elevation	1160 ft
Grade	-0.2%
Average IRI	33 in/mi
Average Rut	0.15 in
Set	353
Image Frame	01:42:36:08

PATHWEB menu:

Help

Go back to the legacy site

Windows

- Forward View
- Forward View Settings
- Surface View
- Rear View
- Map ☑
- Transverse Profile
- Location Details ☑
- Share Location
- IRI Graph
- Map Settings
- Layer Attribute Table
- Playback Settings

Reset Pathweb

Utilizing Pa...

ArcGIS REST Services Directory

Home > services > lrs (MapServer)

JSON | SOAP

lrs (MapServer)

https://gis.iowadot.gov/rams/rest/services/lrs/MapServer

View In: ArcGIS JavaScript   ArcGIS Online Map Viewer   ArcGIS Earth   ArcMap   ArcGIS Pro

View Footprint In: ArcGIS Online Map Viewer

Service Description:

The layer is added to the Map settings window and displayed in the Map window.

Federal Functional Classification

Federal Functional Classification

— 1 - INTERSTATE
— 2 - PRINCIPAL ARTERIAL - OTHER FREEWAYS AND EXPRESSWAYS
— 3 - PRINCIPAL ARTERIAL - OTHER
— 4 - MINOR ARTERIAL
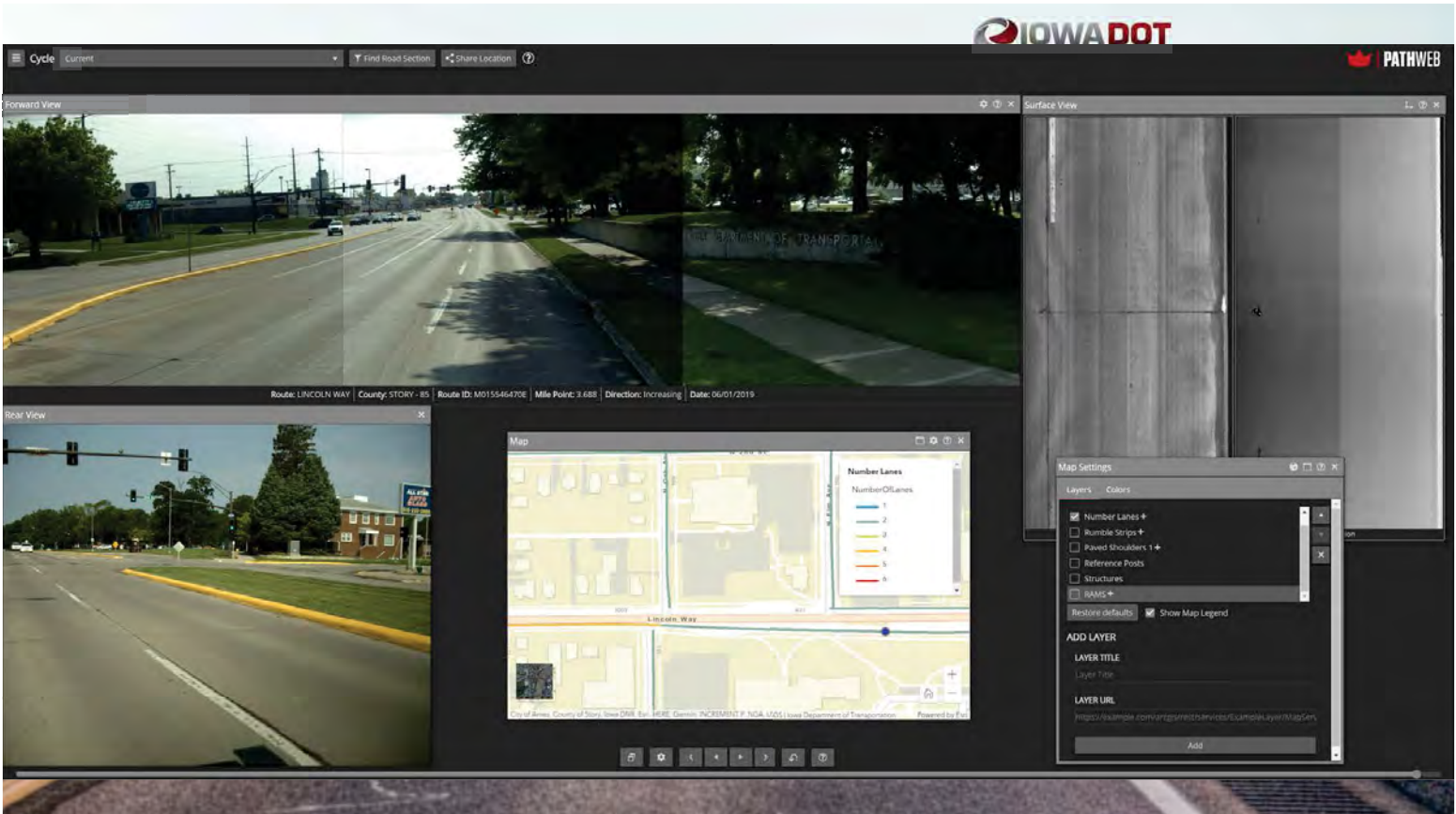— 5 - MAJOR COLLECTOR
— 6 - MINOR COLLECTOR

Map Settings

Layers   Colors

☑ Federal Functional Classification
☑ All Systems Permit

(Map only)

☑ Show Map Legend

Layer Title

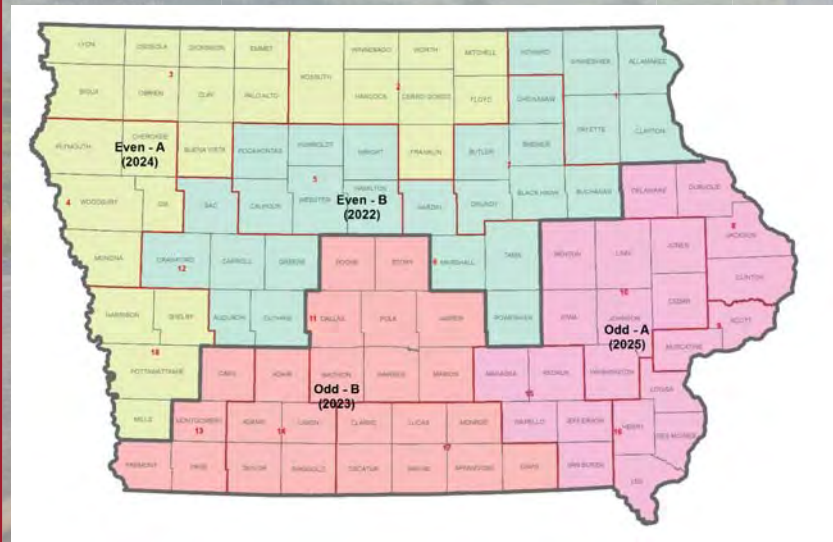**LAYER URL**

https://example.com/arcgis/rest/services/ExampleLayer/MapSer...

Add

- Lane Type (9...)
- Left Shoulder Curbed (48)
- Left Shoulder Rumble (49)
- Left Shoulder Tied (50)
- Left Shoulder Type (51)

City of Ames, County of Story, Iowa DNR, Esri, HERE, Garmin, INCREMENT P, NGA, USGS | Pathway Services Inc.

Powered by Esri

PATHWEB UPDATES

Interstate – Gathered every year

Even - Non-Interstate Primary route collection (Every other year)

Odd - Non-Interstate Primary route collection (Every other year)

A/B - Non-primary collection (Four Year Cycle)

Updated data is constantly added to Pathweb as it becomes available

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Analytics Bureau Contacts

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THANK YOU

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