



# ALABAMA 911 BOARD

**April 29, 2025**  
**Talk About It Tuesday!**



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Alabama 9-1-1 Board



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Our Team

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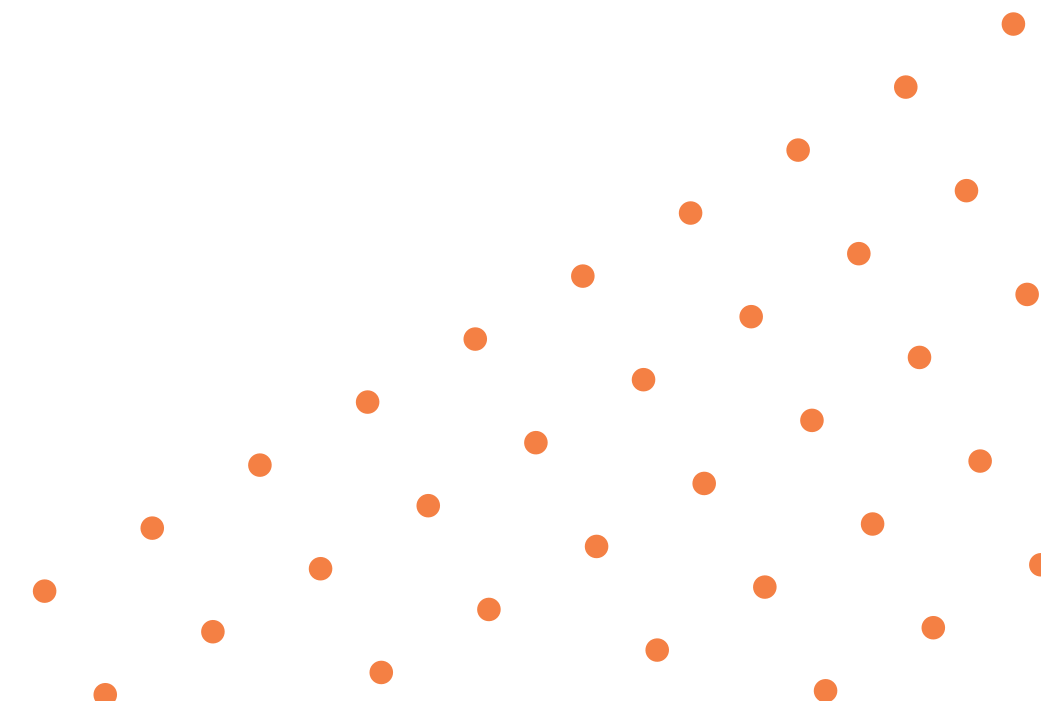
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Questions



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# Our Team

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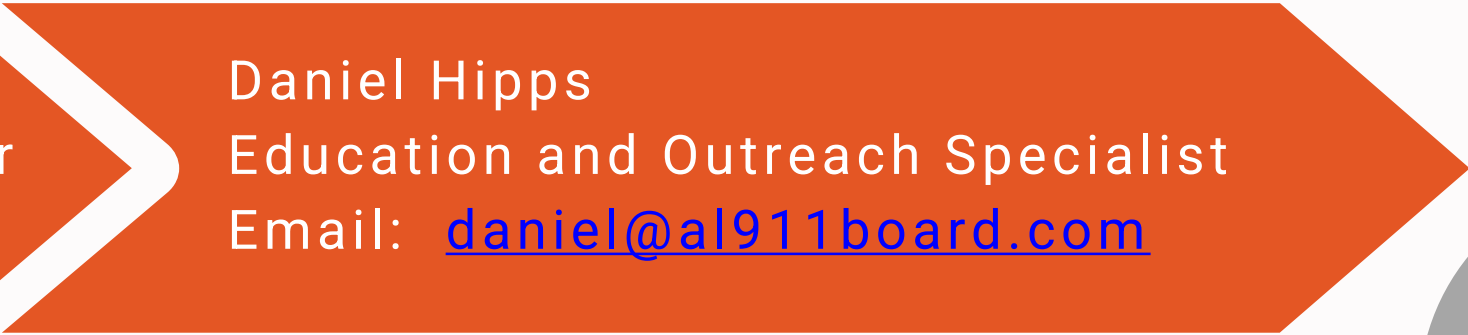
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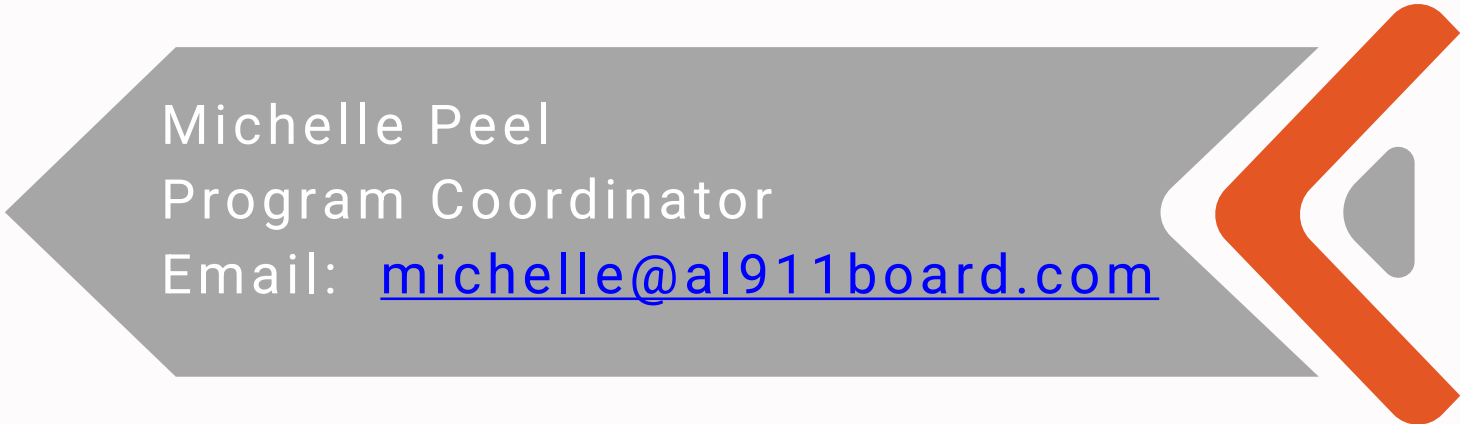
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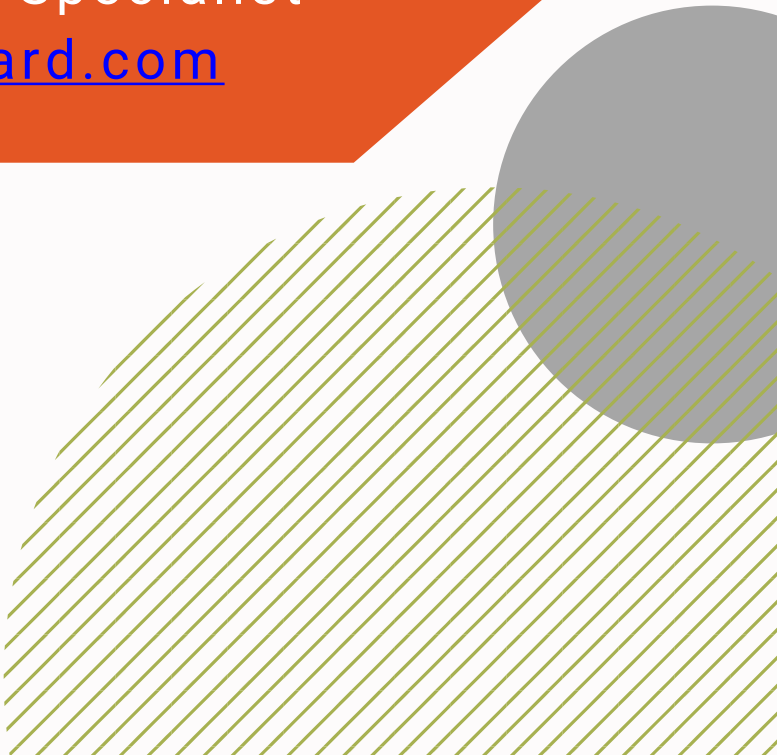
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Sara Wonder, GISP  
DATAMARK Technologies

# DATAMARK VEP Quarterly Updates



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# DATAMARK Technologies

## VEP v2025.1.2

March 31, 2025

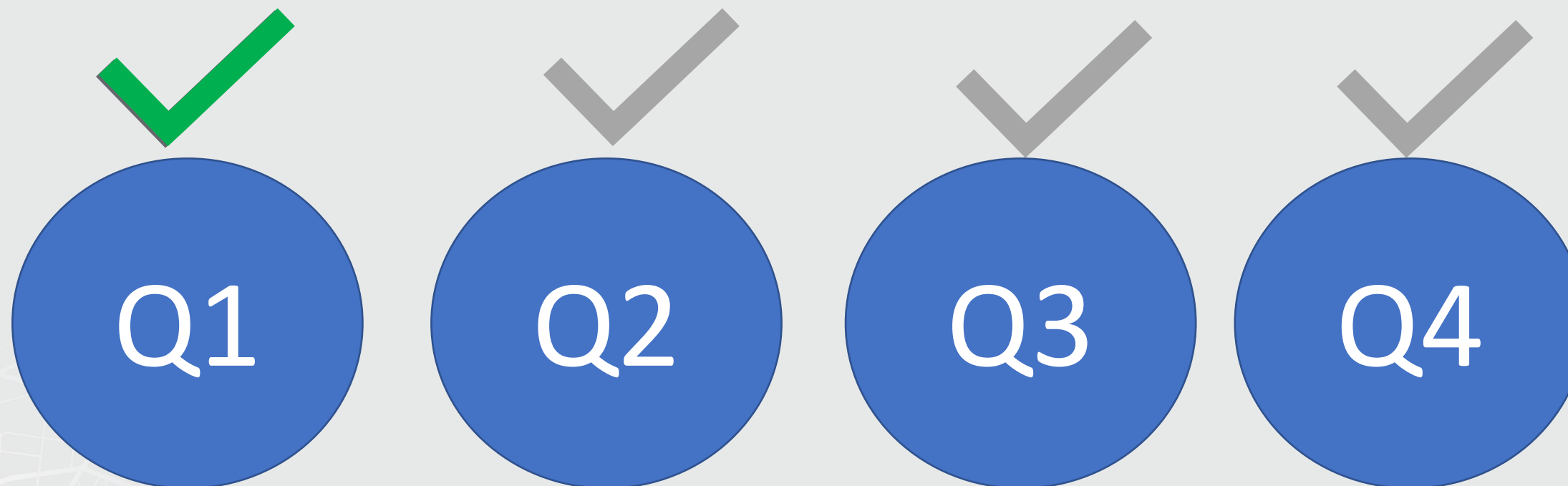
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The next  
generation  
is **NOW!**

# Release Schedule

- Quarterly Release Cycle
  - March
  - June
  - September
  - December
- Intermediary Releases
- Hotfixes



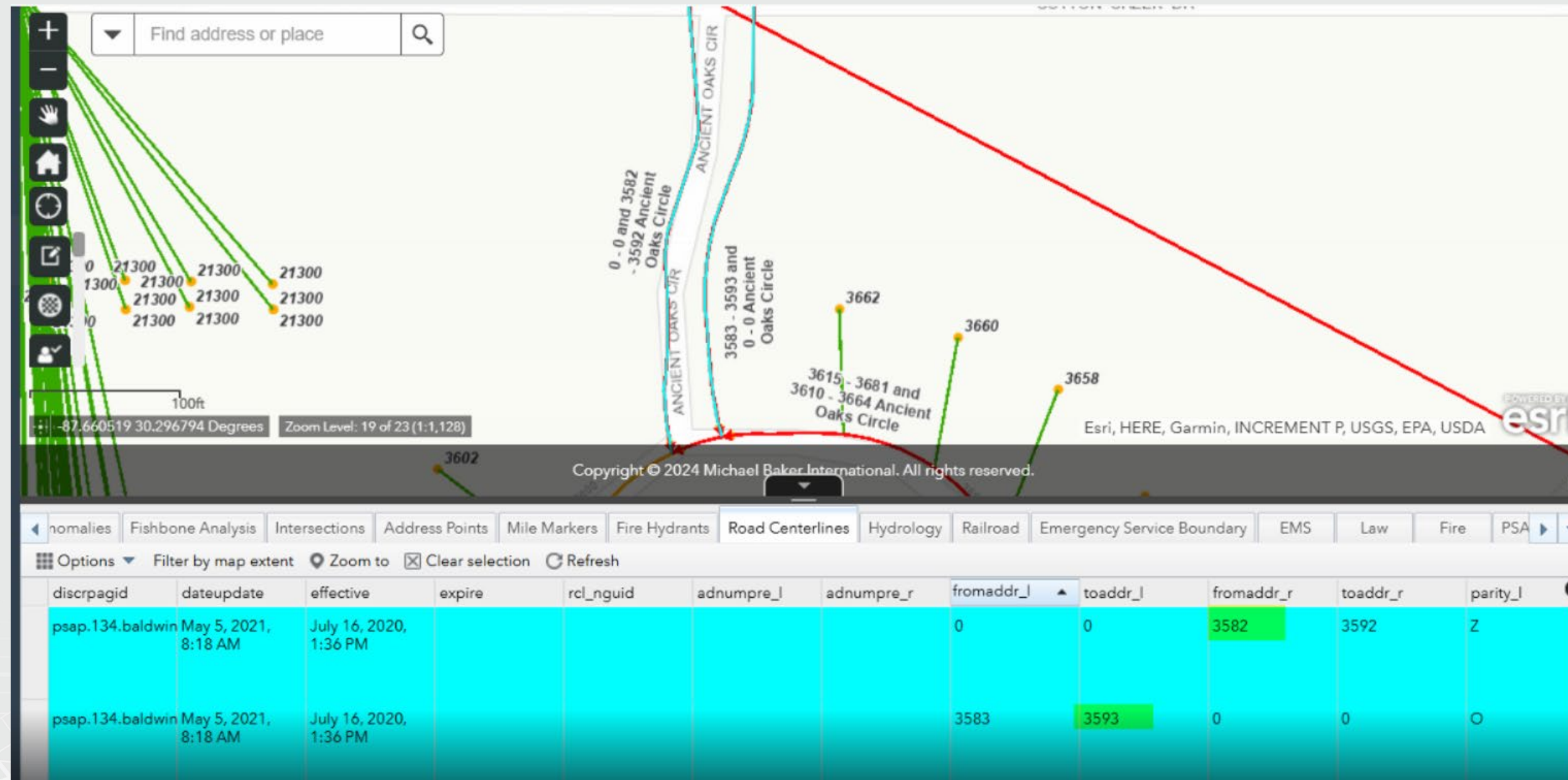
# MSAG Generator (Premium Feature)



## MSAG Generator (Premium Feature)

### Updates to MSAG Generator (E, V, A, S)

When the Road Centerline has a range of 0-0 on one side and a valid range on the other, the valid ranges will be included in the GIS-derived MSAG. This enhancement means that bifurcated highways or dual carriageways will be included in the GIS MSAG if there is a valid range on at least one side of the Road Centerline.





# Validations

## Validations

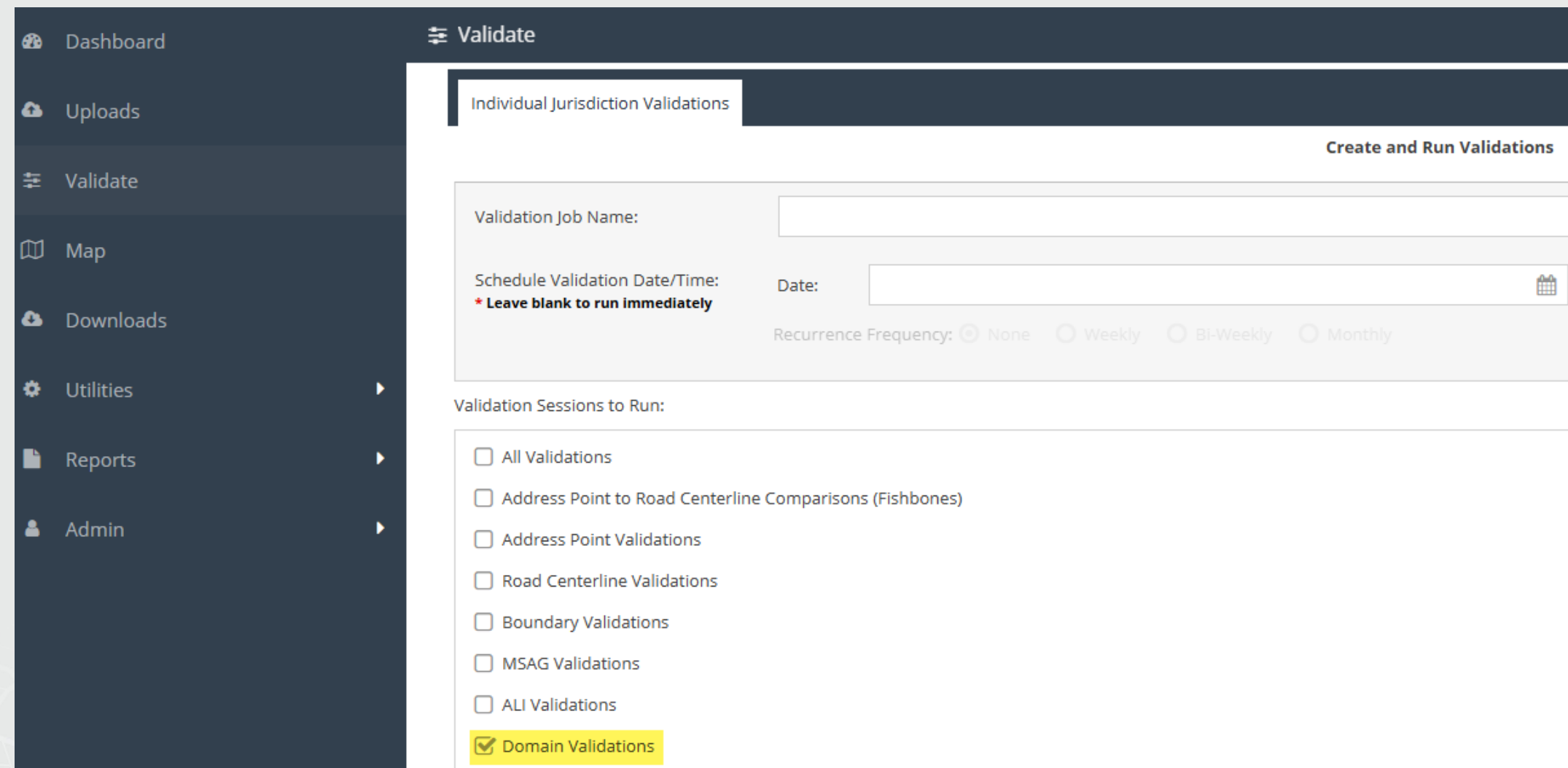
### **Match Incorporated Municipality and Unincorporated Municipality Values in the RCL Address Range Overlap Validations (E, V, A, S)**

The RCL Address Range Overlap Validation (VAL06-1, VAL06-2, VAL06-3, and VAL06-4) logic has been improved to directly compare the Incorporated Municipality and Unincorporated Community values between two Road Centerlines on each side, even if these values are NULL or marked as unincorporated. Previously, if either the `incmuni\_l` or `incmuni\_r` field was NULL or labeled as "unincorporated" for one of the Road Centerlines, the validation would compare the corresponding `uninccom\_l` or `uninccom\_r` fields instead. This updated process ensures a direct one-to-one comparison between the Road Centerline fields. Additionally, values containing spaces will now be preserved in the comparisons (e.g., "NORTHPORT" vs. "NORTH PORT").

## NENA Domain Validations

### NENA Domain Validations (E, V, S)

A new set of validations has been introduced to VEP. The NENA Domain Validations include 16 new checks that compare data in specific fields against NENA domain values. These validations ensure that the values match those specified in the NENA domain, are case-sensitive, and do not flag NULL values but will flag empty or blank values. The fields that will be validated include both Address Points and Road Centerlines, specifically: st\_postyp, st\_predir, st\_posdir, st\_presep, country, state, and parity.



Dashboard

Validate

Individual Jurisdiction Validations

Create and Run Validations

Validation Job Name:

Schedule Validation Date/Time: \* Leave blank to run immediately

Date:

Recurrence Frequency: ☒ None ☐ Weekly ☐ Bi-Weekly ☐ Monthly

Validation Sessions to Run:

- ☐ All Validations
- ☐ Address Point to Road Centerline Comparisons (Fishbones)
- ☐ Address Point Validations
- ☐ Road Centerline Validations
- ☐ Boundary Validations
- ☐ MSAG Validations
- ☐ ALI Validations
- ☒ Domain Validations

# NENA Domain Validations

- **An anomaly will be flagged if:**
  - If a value in the fields outlined is not included in the reference table.
  - If the cases are different than what's included in the reference table (i.e. WAY vs. Way)
  - Blank or empty values.
  - Leading or trailing spaces.
- **An anomaly will NOT be flagged if:**
  - There are NULL values in the validated fields.
- **Sixteen** new validations have been created to check **six** domain lists.



# NENA Domain Validations

VAL ID	Output Description
ND-AP-1	Address Point street name post type field falls outside of NENA domain
ND-RCL-1	Road Centerline street name post type field falls outside of NENA domain
ND-AP-2	Address Point street name pre directional field falls outside of NENA domain
ND-RCL-2	Road Centerline street name pre directional field falls outside of NENA domain
ND-AP-3	Address Point street name post directional field falls outside of NENA domain
ND-RCL-3	Road Centerline street name post directional field falls outside of NENA domain
ND-AP-4	Address Point street name pre type separator field falls outside of NENA Domain
ND-RCL-4	Road Centerline street name pre type separator field falls outside of NENA Domain
ND-AP-5	Address Point country field falls outside of NENA domain
ND-RCL-5A	Road Centerline country left field falls outside of NENA domain
ND-RCL-5B	Road Centerline country right field falls outside of NENA domain
ND-AP-6	Address Point state field falls outside of NENA domain
ND-RCL-6A	Road Centerline state left field falls outside of NENA domain
ND-RCL-6B	Road Centerline state right field falls outside of NENA domain
ND-RCL-7A	Road Centerline street name parity left field falls outside of NENA domain
ND-RCL-7B	Road Centerline street name parity Right field falls outside of NENA domain

# Validation Bug Fixes



## Validation Bug Fixes

### **Updates to the RCL Address Range Overlap Logic (E, V, A, S)**

Logic has been updated to accurately detect when a right range overlaps a left range (VAL06-2) and when a left range overlaps a right range (VAL06-3). This update has also been implemented in the cross-jurisdictional RCL range overlap logic (VAL63).

### **Populated External\_nguid Values for RCL Does Not Break at Provisioning Boundary in the Cross-Jurisdictional Validations (E, V, A, S)**

In the Cross-Jurisdictional Validations, the snap point anomalies for the RCL that do not break at the provisioning boundary (VAL61-1) will have the external\_nguid value populated.

# Bug Fixes

## Bug Fix

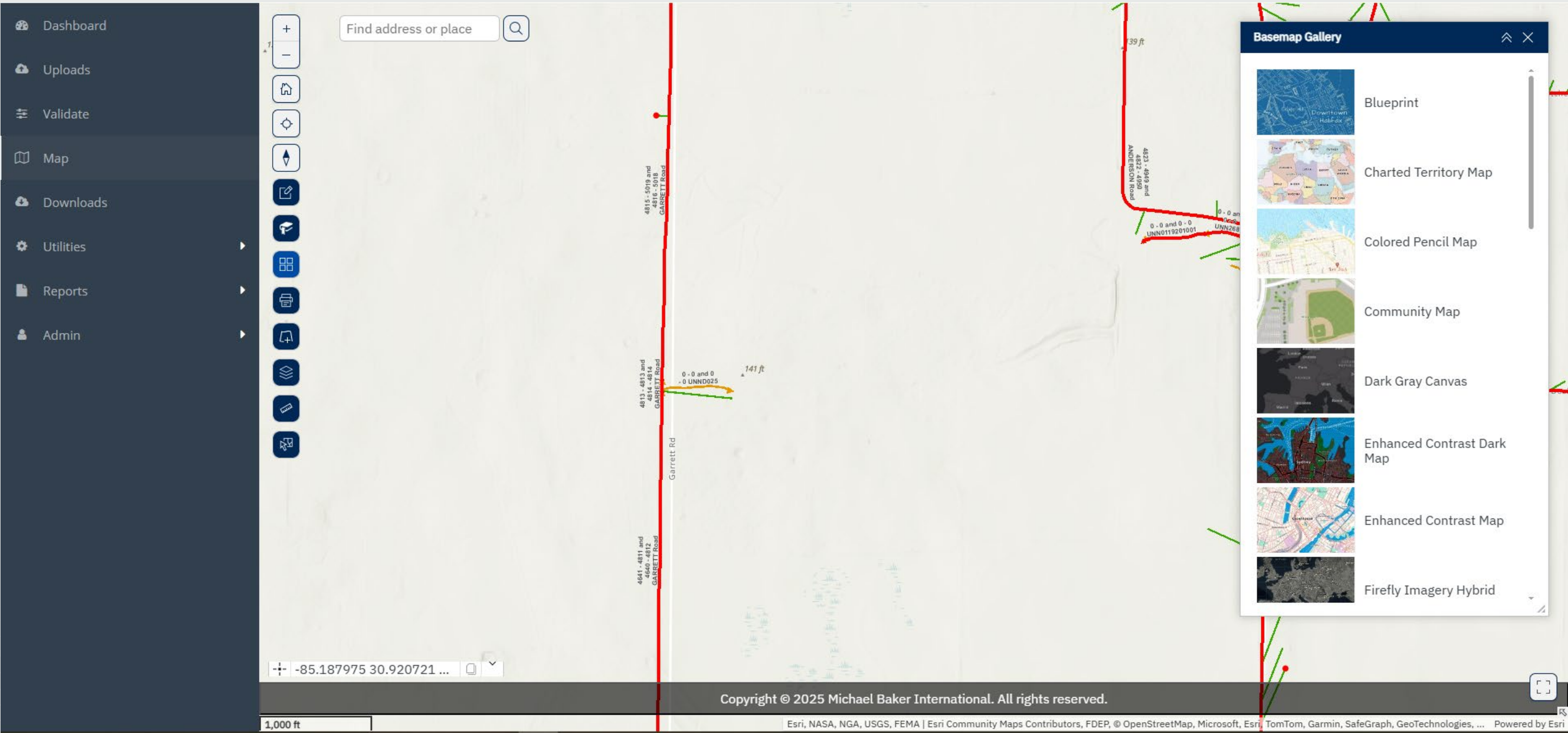
### **Feature Datasets Allowing NULL Geometries to be Uploaded into VEP (E, V, S)**

This update ensures that data that is uploaded as a feature dataset into VEP will not allow any NULL geometries to be uploaded. These NULL geometries will be caught in the verify step and rejected.

# On the Horizon

# VEP Code Modernization

Summer – Fall, 2025







# Questions?

Please reach out to your Account Manager or submit a question or comment anytime to the DATAMARK Support Center.

Updated Knowledge Base articles and release notes can also be found on the DATAMARK Support Center.





# Deadlines

April 30 – Statement of Economic Interest – [Form](#) – [Who Must File](#)

May 10 – Legacy 9-1-1 Cost Reimbursement Submission – [Form](#)

May 10 – PST Certification Course Request for Payment – [Form](#)



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## Board Appointments & Upcoming Departures



[Kristi Stamnes](#)  
2012 Congressional District 1



[Shawn Rogers](#)  
2012 Congressional District 3



[Rich Schreiber](#)  
2012 Congressional District 7



[J. Frederick Johnson](#)  
ILEC Provider 1 | Vice-Chair



[Robert Smith](#)  
Cable VoIP Provider 1 | Sec./Treasurer



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# Do you need training?

<https://app.al911board.com/training-registration>



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# Talk About It Tuesday

## May 13

# RapidSOS New Features



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# Questions?



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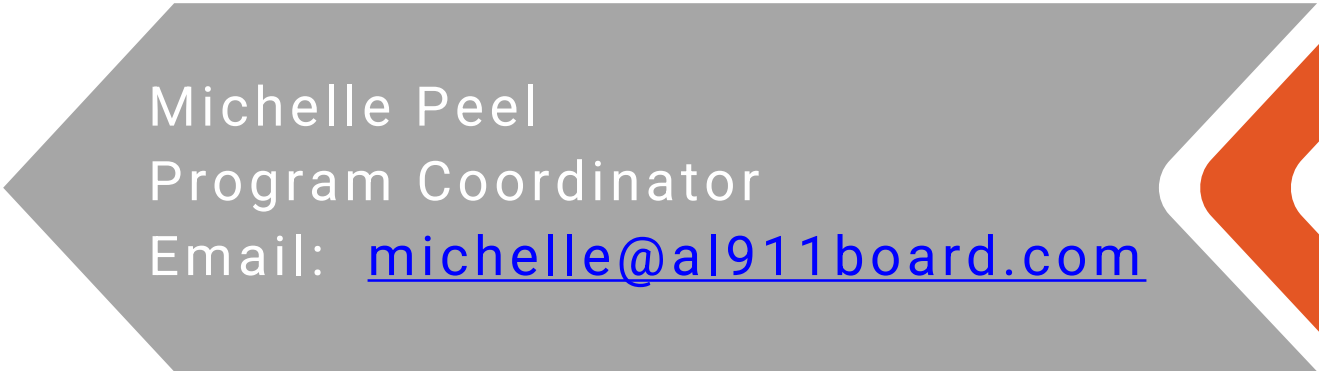
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