



ALABAMA 911 BOARD

October 22, 2024
Talk About It Tuesday!

01

Our Team

02

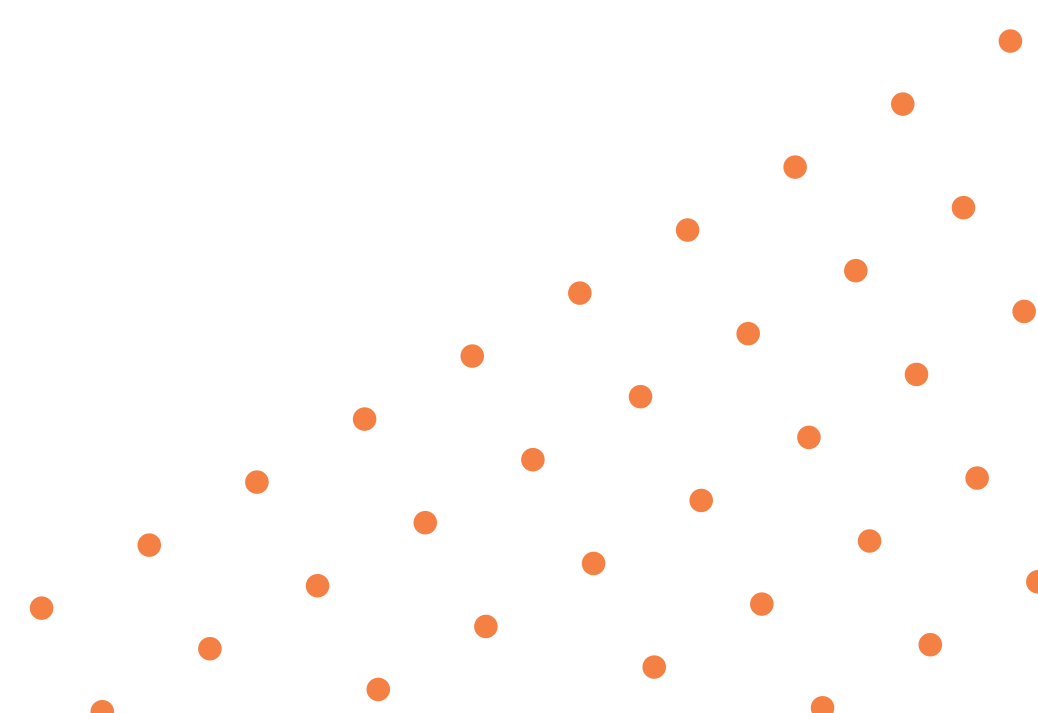
DATAMARK Quarterly VEP Updates

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Training, Reminders and Giveaway

04

Questions



Our Team

(334) 440-7911



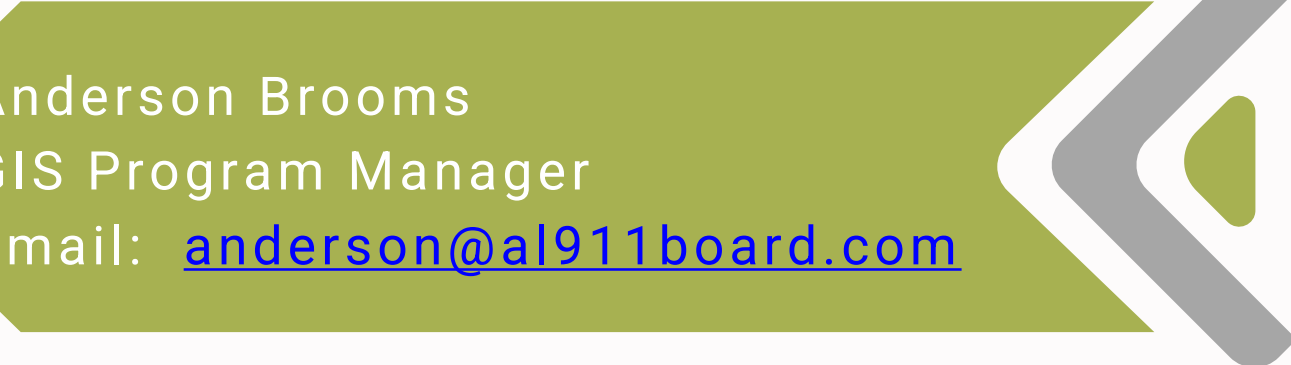
Leah Missildine
Executive Director
Email: leah@al911board.com



Adam Brown
Deputy Director
Email: adam@al911board.com



Nida Jackson
Senior GIS Specialist
Email: nida@al911board.com



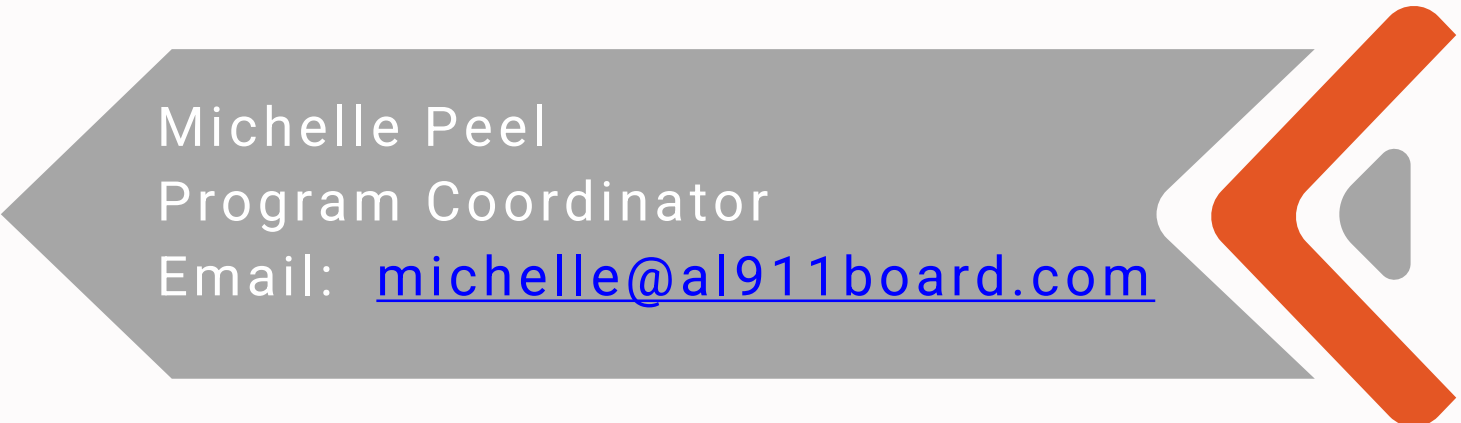
Anderson Brooms
GIS Program Manager
Email: anderson@al911board.com



Laura Ehrhart
Education & Outreach Program Manager
Email: laura@al911board.com



Daniel Hipps
Education and Outreach Specialist
Email: daniel@al911board.com



Michelle Peel
Program Coordinator
Email: michelle@al911board.com



DATAMARK Technologies

VEP v2024.3.1

September 23, 2024

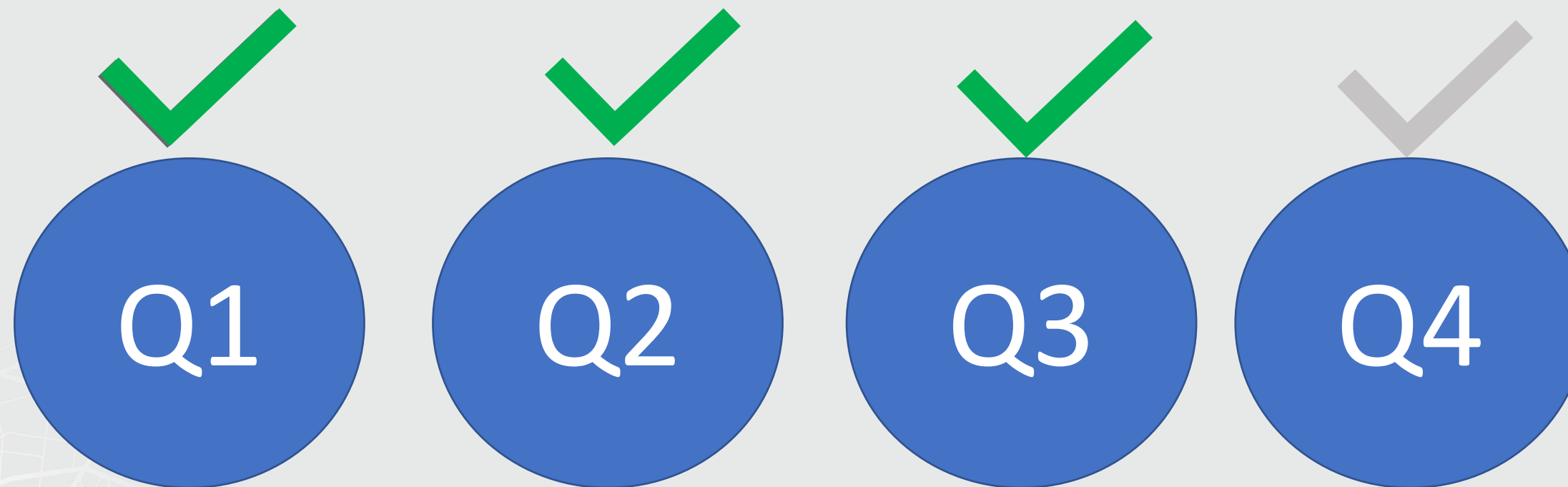
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The next
generation
is **NOW!**

Release Schedule

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




Admin

Admin

Added Ability to Lock a Schema (E, V, S)

As part of the Manage Schemas module, administrators can now lock an upload schema to prevent it from being edited by other users.



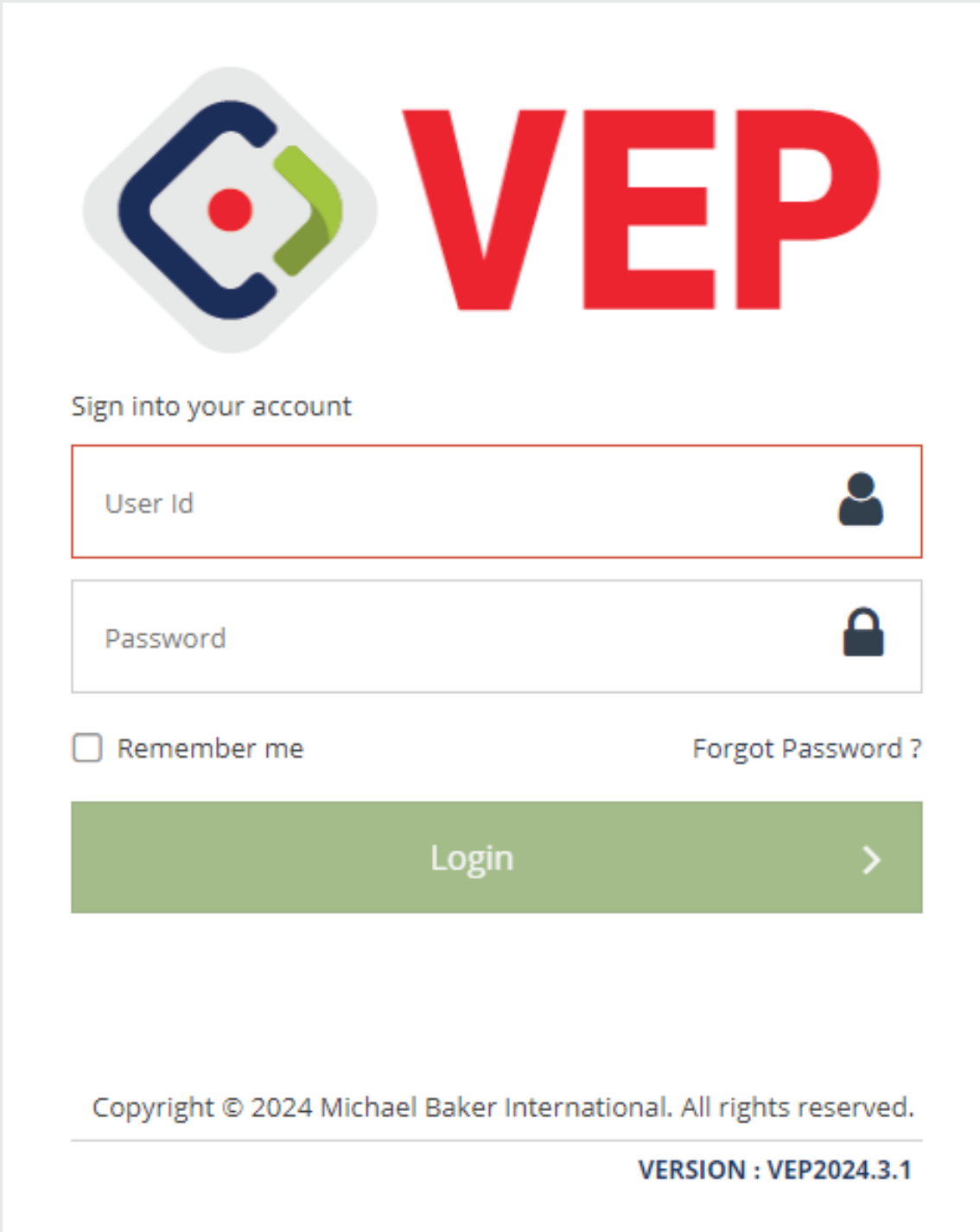
The screenshot shows the 'Manage Database' interface with the 'Manage Schemas' tab selected. A table lists schemas with columns for Name of Schema, Date Created, Date Modified, Schema Lock, and Actions. The 'Schema Lock' column is highlighted with a red box, showing checkboxes for 'TESTREGRESN_SAP_RCL' and 'test'.

Name of Schema	Date Created	Date Modified	Schema Lock	Actions
TESTREGRESN_SAP_RCL	Sep 03 2024 09:44 am	Sep 03 2024 09:44 am	<input type="checkbox"/>	  
test	Sep 02 2024 03:35 pm	Sep 02 2024 03:35 pm	<input type="checkbox"/>	  

Admin

VEP Logo Updated (E, V, A, S)

All VEP users will now see the updated VEP logo when logging into VEP.



Downloads

Downloads

Updated Domains for the NENA V2 Downloads (E, V, A, S)

The NENA V2 Downloads now include domains based on the NENA V2 standards.

Country	Country	Text	✓		2
State	State or Equivalent (A1)	Text	✓	StateOrEquivalentA1	2
County	County or Equivalent (A2)	Text	✓	CountyOrEquivalentA2	100
AddCode	Additional Code	Text	✓		6
AddDataURI	Additional Data URI	Text	✓		254
Inc_Muni	Incorporated Municipality (A3)	Text	✓		100
Uninc_Comm	Unincorporated Community (A4)	Text	✓		100
Nbrhd_Comm	Neighborhood Community (A5)	Text	✓		100
AddNum_Pre	Address Number Prefix	Text	✓		15
Add_Number	Address Number	Long	✓	AddressNumber	
AddNum_Suf	Address Number Suffix	Text	✓		15
St_PreMod	Street Name Pre Modifier	Text	✓		15
St_PreDir	Street Name Pre Directional	Text	✓	StreetNameDirectional	10
St_PreTyp	Street Name Pre Type	Text	✓	StreetNameType	50
St_PreSep	Street Name Pre Type Separator	Text	✓	StreetNamePreTypeSeparator	20
St_Name	Street Name	Text	✓		254
St_PosTyp	Street Name Post Type	Text	✓	StreetNameType	50
St_PosDir	Street Name Post Directional	Text	✓	StreetNameDirectional	10
St_PosMod	Street Name Post Modifier	Text	✓		25
LSt_PreDir	Legacy Street Name Pre Directional*	Text	✓	LegacyStreetNameDirectional	2
LSt_Name	Legacy Street Name*	Text	✓		75
LSt_Typ	Legacy Street Name Type*	Text	✓		4
LSt_PosDir	Legacy Street Name Post Directional*	Text	✓	LegacyStreetNameDirectional	2
ESN	ESN*	Text	✓	ESN	5
MSAGComm	MSAG Community Name*	Text	✓		30
Post_Comm	Postal Community Name	Text	✓	PostalCommunityName	40
Post_Code	Postal Code	Text	✓	PostalCode	7

Uploads

Uploads

External_NGUID Fields Required for MSAG and ALI Uploads (E, V, S)

If ALI or MSAG records are uploaded into VEP without a populated external_nguid, these records will be populated with an external_nguid based on the current sequential order in the current dataset. MSAG and ALI datasets uploaded into VEP will not have any blank or null external_nguid values.

The screenshot displays the 'Uploads' interface in VEP, specifically the 'Field Mapping' step for a 'New Custom Schema for : MSAG'. The interface shows a table for mapping source fields to target fields. A confirmation dialog is overlaid on the table, asking for confirmation to proceed with an empty 'external_nguid' field.

Target Field	Data Type	Source Field
dir	String	dir
street	String	street
low	String	low
high	String	high
		o_e
		community
		esn
		msag_sys
		cnty
		state
		exch
		msag_notes
		msag_comments
		date_updated
external_nguid	String	Select

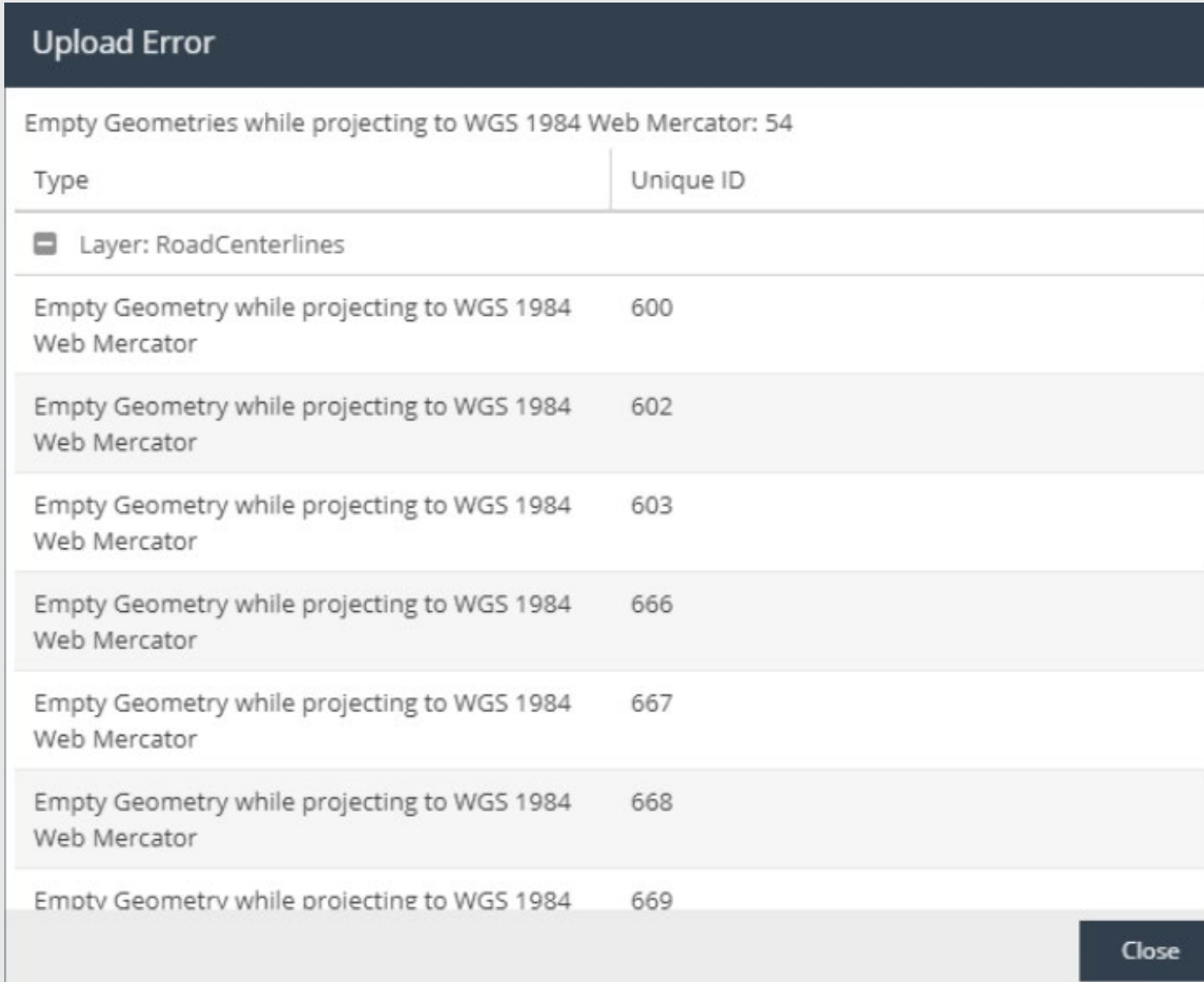
Confirm

The 'external_nguid' field is empty. VEP will auto-calculate the value and 'Upload Records' will be treated as new. Click 'Yes' to proceed.

Uploads

Verification Steps Added to Check for Projection Issues (E, V, S)

Once data is uploaded into VEP, it is projected into Web Mercator. If any features have null geometry after this projection, an error message will identify the issues that need to be addressed before the upload can proceed. This update has also been made for Automated Uploads.



Type	Unique ID
Layer: RoadCenterlines	
Empty Geometry while projecting to WGS 1984 Web Mercator	600
Empty Geometry while projecting to WGS 1984 Web Mercator	602
Empty Geometry while projecting to WGS 1984 Web Mercator	603
Empty Geometry while projecting to WGS 1984 Web Mercator	666
Empty Geometry while projecting to WGS 1984 Web Mercator	667
Empty Geometry while projecting to WGS 1984 Web Mercator	668
Empty Geometry while projecting to WGS 1984 Web Mercator	669

Uploads

Upload Excel Tables with Large External_NGUID Values

Excel tables with external_nguid values greater than 2147483647 can now be uploaded into VEP without any issues.

	E	F	G	H	I	J	K	L	O	P	C	S	T	U	V	W
1	st_pos	st_p	low	high	cois	coer	tar	code	function	reserved	expanded	external_nguid				
2	T		22	22300	SM	C		135					2147483653			
3	ST		50	700	YO	C		137					2147483652			
4	VE		25	3500	MI	C		130					2147483651			
5			1	100	CA	C		121					2147483650			
6	ELL CT		81	8163	CA	C		123					2147483649			
7	EEK DR		80	9000	BO	C		120					2147483648			
8			26	2700	YO	C		137					2147483647			
9	E		1	100	YO	C		137					4238			
10	ST		24	3899	YO	C		137					4237			
11	R		90	1100	BO	C		120					4236			
12	OWN SALEM		90	13000	GR	C		127					4235			
13	OWN SALEM		36	9000	CA	C		123					4234			
14	OWN POLANE		39	4998	YO	C		137					4233			
15	OWN POLANE		40	1010	ST	C		134					4232			
16	OWN POLANE		51	5999	PO	C		133					4231			
17	OWN POLANE		50	6120	BO	C		120					4230			
18	OWN PITTSBL		11	14999	SPI	C		136					4229			
19	OWN PITTSBL		11	11161	SPI	C		136					4228			
20	OWN PITTSBL		99	710058	SPI	C		136					4227			
21	OWN PITTSBL		90	9969	SPI	C		136					4226			
22	OWN PITTSBL		68	8999	PO	C		133					4225			
23	OWN PITTSBL		11	11160	SPI	C		136					4224			

Automated Uploads (Premium Feature)

Automated Uploads

Ability to Upload Markups Added to the Automated Upload Tool (E, V, S)

The option to include markups has been added to the Automated Upload Tool. Users can now upload both data and markups in the same workflow.

Automated Uploads Occur Immediately Upon Submission (E, V, S)

Unless a job is scheduled for a later date or time, automated uploads are now submitted immediately upon upload. Previously, automated uploads occurred nightly.

Please navigate to the [Automated Upload Tool's website](#) to download the latest version of the tool.

Reports

Reports

NENA 98% Compliancy Report Updates (E, V, A, S)

For Aggregator users, the NENA 98% Compliance Report will now show all jurisdictions, even if the MSAG or ALI validations have not been run or if they haven't produced any results. Also, the validation anomalies associated with MSAG values that are not reflected in the RCL range (VAL36B-1, VAL36B-2) have been removed from the MSAG No GIS anomaly count and totals.

VEP		NENA Compliancy Report Details - 09/04/2024						
History	Jurisdiction	# AP Features	# RCL Feature	# ALI Records	# MSAG Records	MSAG no GIS	GIS no MSAG	MSAG to RCL % Match
09/04/2024	Test County	29141	14480	8655	2923	83	649	94.94%

MSAG Updates

MSAG Updates

MSAG Fields Reordered in Web Map Attribute Table (E, A)

In the previous VEP release, the MSAG schema was updated to include additional fields. This update applies the previous updates' field order to the MSAG attribute table within VEP.

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Parcel States Parcel_Table MARKUP_TABLE States_table CAMA Counties_table **msag** ali Landmark_Name_Part Cell_Sector_Location Street_Name_Alias Complete_Landr

Options Filter by map extent Zoom to Clear selection Refresh

Prefix Directional	Street Name	Street Suffix	Post Directional	Low Range	High Range	Community Name	State	Odd/Even	ESN	Extract Date	PSAP ID
	2ND ST			794	794	CHIPLEY	FL	E	156		

MSAG Generator (Premium Feature)

MSAG Updates

Ability to View Previously Generated MSAGs and MSAG Comparisons Added for Editor and Validator Roles (E, V, A, S)

The "GIS MSAG Download Requests" and "MSAG Comparison Reports" tabs in the MSAG Generator are now available for Editors and Validators. Admins, Data Admins, Validators, and Editors with access to the MSAG Generator will all be able to view these results and information.

The screenshot shows the "MSAG Comparison" tab selected in the "MSAG Generator" section. The interface includes a "Download Options" sidebar with a "Select MSAG Files" button. The main content area contains instructions: "Select or upload two MSAG files in .xlsx, .xls, .csv, or .dbf format to run an MSAG Comparison Report. This report will generate a Microsoft Excel file that contains four sub-reports (organized as tabs): Missing Record Name Record Counts, Range Comparison, and Difference." Below this, there are two sections for MSAG #1 and MSAG #2. Each section has three radio button options: "Upload new MSAG", "Select previously uploaded MSAG", and "Use latest VEP generated MSAG". The "Use latest VEP generated MSAG" option is selected for both. Below each set of options is a text input field containing the ID "test-1722597565355-20240802". At the bottom right, there are three buttons: "Previous", "Reset", and "Cancel".

Validations

Validations

Validation Results Tab Updates (E, V, A, S)

The validation results tab will no longer display a progress bar for the status of a validation run. Instead, this bar will only show as a text field when the run is "In-Progress" or "Completed".

Validation Name: AllVals_09132024

Session task monitor:

Validation Results | Scheduled Validations

SL No #	Session Name	Status
1	Address Point to Road Centerline Comparisons (Fishbones)	In-Progress
2	Address Point Validations	Completed
3	Road Centerline Validations	Completed
4	Boundary Validations	Completed
5	MSAG Validations	Completed
6	ALI Validations	Completed
7	NCT Validations	Completed

Validations

MSAG Range Not Reflected in RCL Range Validations Removed (E, V, S) MSAG range not reflected in RCL range validations (VAL36B-1 and VAL36B-2) have been completely removed from the MSAG validations and will no longer flag anomalies.

Validation ID	Validation Name	Description	Mark up Output	Fields Used in Logic
VAL36B-1 VAL36B-2	MSAG Range Not Reflected in RCL Range	MSAG low value is less than Road Centerline range values ¹ MSAG high value is greater than Road Centerline range values ²	Table	dir street low high community esn

Validation Bug Fixes

Validation Bug Fixes

ALI Not Reflected in RCL Flagging Incorrect Anomalies When ESN Values have Leading Zeroes (E, V, S)

This bug fix addresses the issue of ALI records not matching correctly with corresponding RCLs when the ALI records contain one or more leading zeros in the ESN field. This update will be reflected in the ALI Not Reflected in RCL anomalies (VAL40-1).

AP Misordered Along RCL Updates (E, V, S) This bug fix addresses an issue where the validation for AP Misordered Along RCL sometimes did not match the corresponding address point external_nguid. Additional logic fixes associated with this validation have been implemented. This update will be reflected in the AP Misordered Along RCL, which is part of the Fishbone Validations (FB05-1).



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.



The next
generation
is **NOW!**

FREE TRAINING

CRIMES IN PROGRESS

Are you prepared to handle in-progress and high-risk calls when 911 rings?
This training class equips you with the essential tools and skills
to effectively respond to these critical situations.



LIMITED SEATS!

8 CEUs

MONDAY

DECEMBER 9

Decatur, AL

TUESDAY

DECEMBER 10

Alabaster, AL

8:00 A.M. - 4:00 P.M.

app.al911board.com/training-registration

Alabama 911 Board Central app

OPEN

to all PSTs

Go to: app.al911board.com

➤ reset password

➤ sign in



- Upload Certifications
- Register for training
- Monitor CEUs
- Upload External training



Alabama 911 Board Central

Don't have an account? [Sign up](#)

Email Address

Password

[Sign In](#)

[Forgot Password?](#)

Questions?: education@al911board.com



FREE TRAINING FOR 911 PROFESSIONALS

 **ALABAMA NG911 NETWORK 101:
TOOLS & RESOURCES AVAILABLE IN THE PSAP**
NG911 Fundamentals for Effective Daily Operations

 **Mobile County EMA**
7350 Zeigler Boulevard, Mobile, AL 36608

 **November 4th, 2024**
8:00-12:00 | 4 hours of CEUs - LUNCH included!

 app.al911board.com/training-registration



Melissa Carpenter

provided by
 ALABAMA 911 BOARD



FREE TRAINING FOR 911 PROFESSIONALS

 **ALABAMA NG911 NETWORK 201:
INSIDE THE INFRASTRUCTURE OF ALABAMA'S NG911 NETWORK**
ANGEN's technical architecture and its role in enabling NG911 functionalities

 **Mobile County EMA**
7350 Zeigler Boulevard, Mobile, AL 36608

 **November 4th, 2024**
1:00-5:00 p.m. | 4 hours of CEUs

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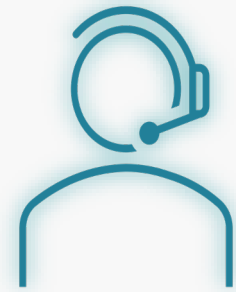
Caleb Branch



DEADLINES AND REMINDERS

Are you hiring?

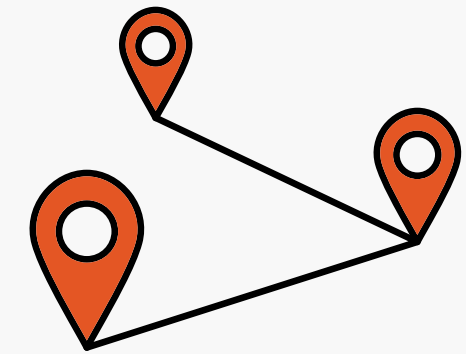
We can post your job openings to our website. Email [Michelle](#) the job description including closing date.



Are you looking for a job?

Check our [website](#) for openings.

Upload, validate, aggregate your GIS data to the State office VEP.



PST CERTIFICATION REIMBURSEMENT

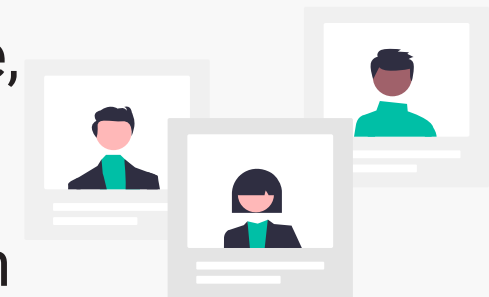
Request for Payment for PST

Certification submissions made by the 10th will be paid out at the end of the month. Anything submitted after the 10th will be paid at the end of the following month. You can find more information [on our website](#).



STAFFING CHANGES

Have you had a staffing change, please log into the ABC App and make the needed changes. Haven't signed up yet? You can by clicking [here](#).



@alabama911board



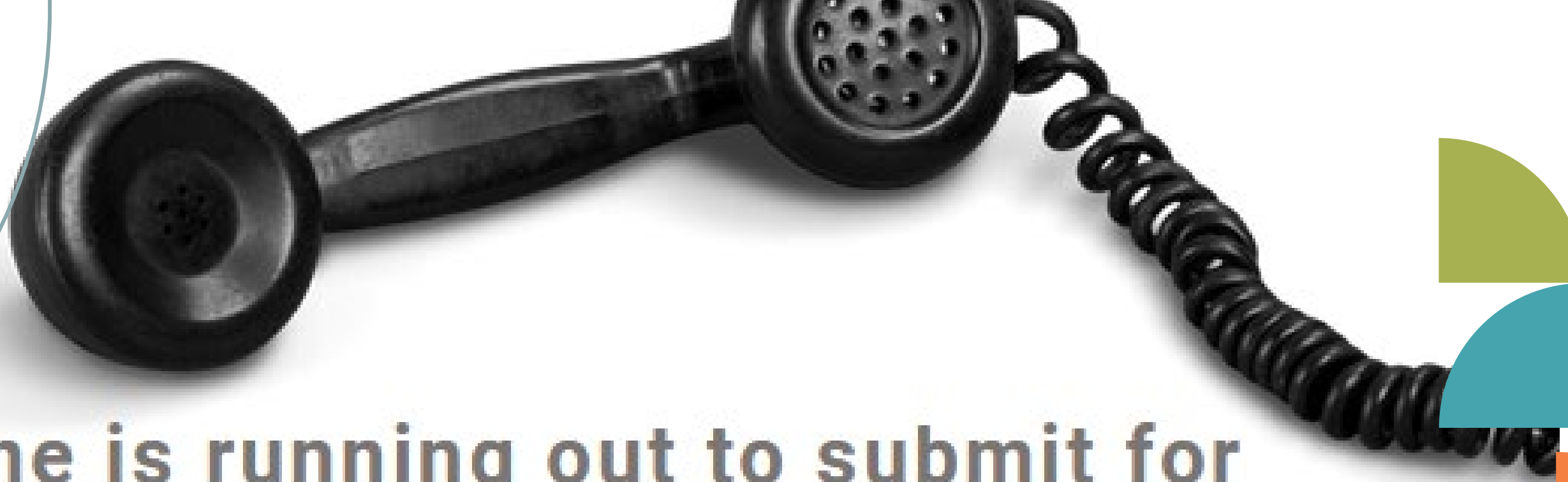
Alabama 9-1-1 Board



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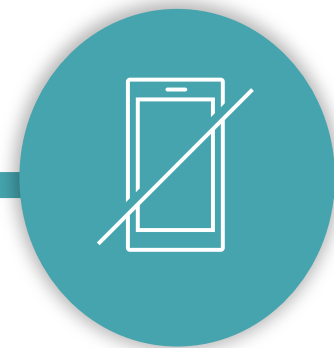
[HTTPS:// al911board.com](https://al911board.com)



Time is running out to submit for
FY24 Legacy 9-1-1 Cost Reimbursement
Final Deadline: **December 10**
Next Deadline: **November 10**



UPCOMING TALK ABOUT IT TUESDAY WEBINARS



November 12
No TAIT
Board Meeting
Week



Thanksgiving
Week





Questions?

Contact Us

(334) 440-7911



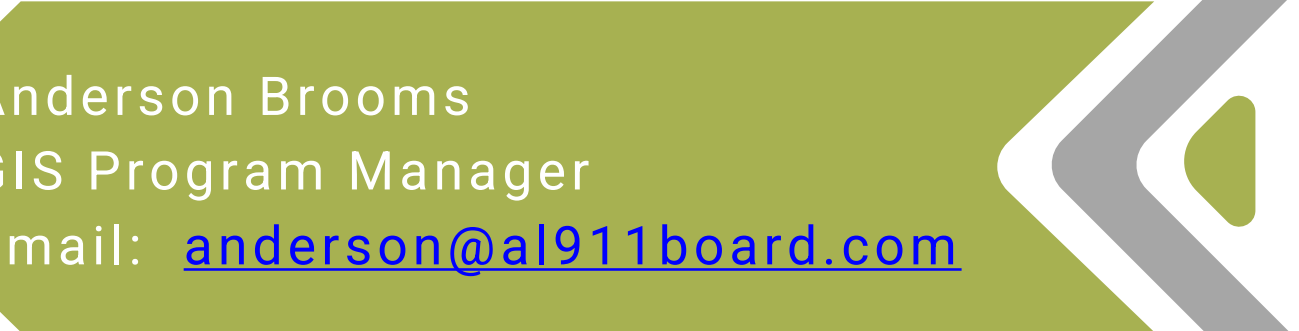
Leah Missildine
Executive Director
Email: leah@al911board.com



Adam Brown
Deputy Director
Email: adam@al911board.com



Nida Jackson
Senior GIS Specialist
Email: nida@al911board.com



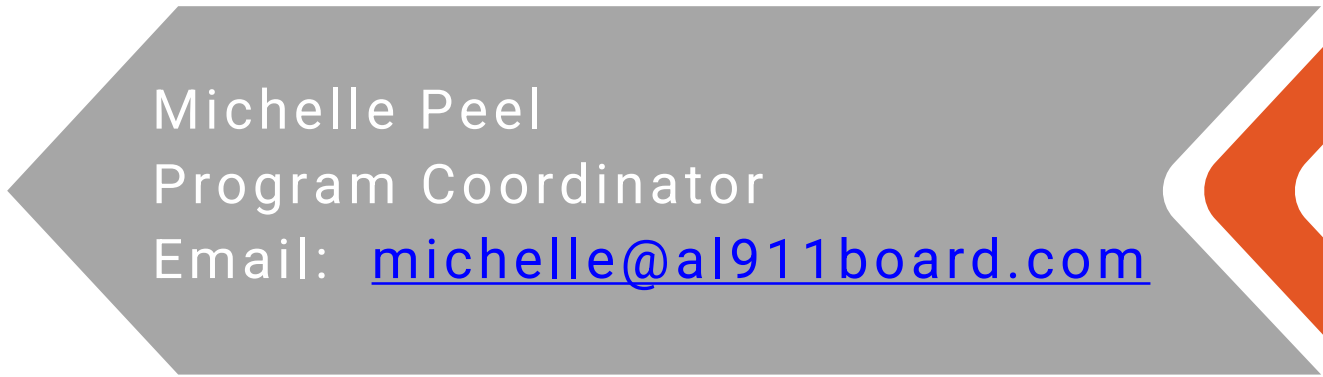
Anderson Brooms
GIS Program Manager
Email: anderson@al911board.com



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Education & Outreach Program Manager
Email: laura@al911board.com

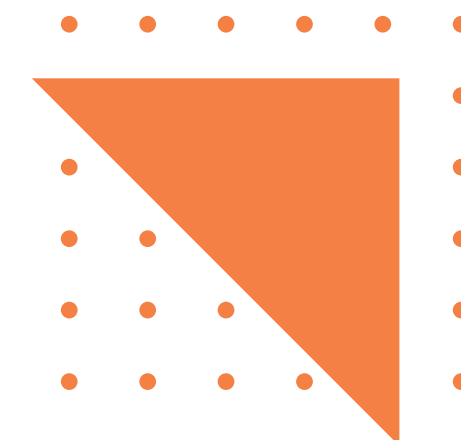
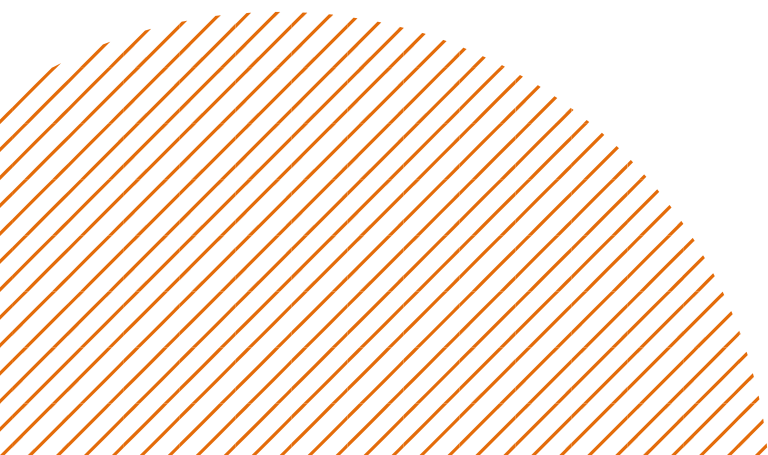
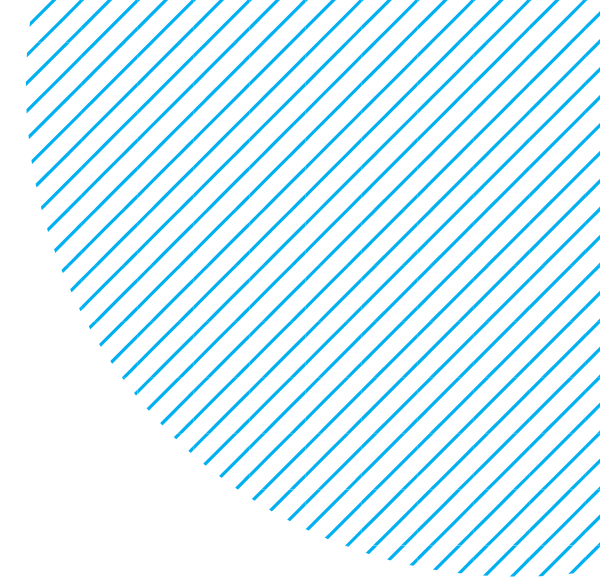


Daniel Hipps
Education and Outreach Specialist
Email: daniel@al911board.com



Michelle Peel
Program Coordinator
Email: michelle@al911board.com





@alabama911board



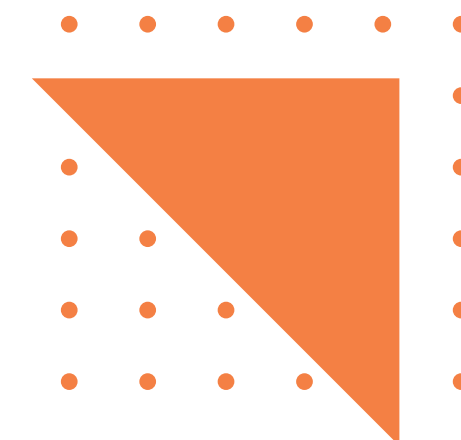
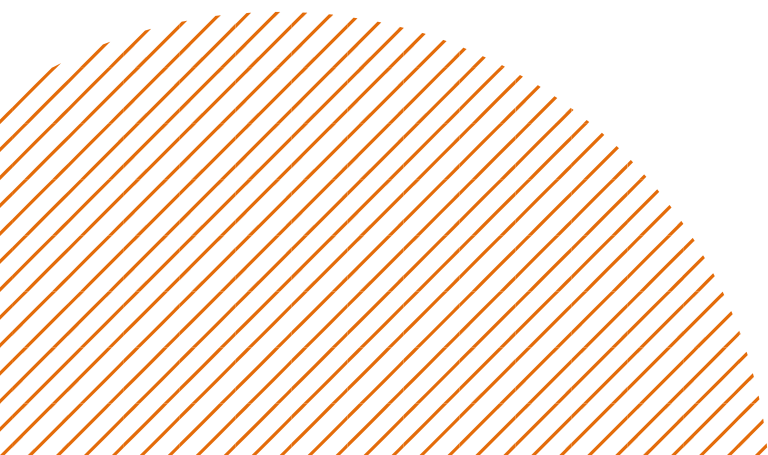
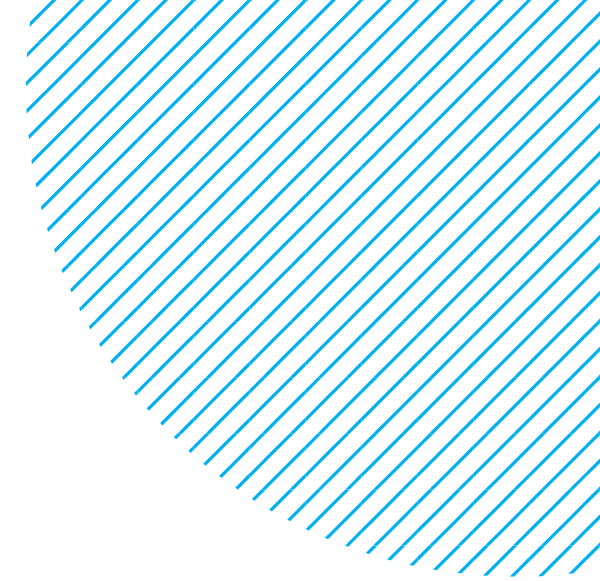
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