Algo Traffic Updates

"Know before you go...."

67th Annual Transportation Conference

Brett J. Sellers, PE
State TSM&O Engineer
History

• 23 CFR 511.309
  • Requires states to establish real-time information programs for:
    • Construction
    • Lane blocking incidents
    • Road Weather
    • Travel Time
• ALDOT decides against phone
• Algo Traffic comes online 11/2016
Why now?

- Technology changes
  - Deprecated SDK’s (built on V2.3.6.2, operating on V6.4.8.1 and V7 isn’t backwards compatible)
- Data coming in changes (ATMS Upgrade in 2021)
- You can only make so many patches.....
But let’s be honest.....

The dreaded Google closure.....
“Do Not Enter”

quick to close but slow to reopen
Goals of the update

• Allow travelers to make an informed decision
• Be a trusted, go to source of information for other stakeholders
• Create a modern, user-friendly experience
• Develop a back-end product that is adaptable for future growth
• Work towards consolidation of Algo Suite
  • Algo Traffic, Algo Video, Algo Admin
• Share data but retain state specific features
  • Cameras, ASAP Contact, ASAP/WC&RA Feedback
Map Layers

- All Layers
- Crash
- Incident
- Road Condition
- Weather Alert
- Roadwork
- Message Sign
- Regional Event
- Camera
- State Facility
- Traffic Layer
- Other 511 Systems
- Ferry

Map Types

- Normal
- Satellite

Traffic Speed Legend

- Fast
- Blocked
Major Crash

I-20/59 @ MP 125.76 at Exit 126A: US31/Elton B Stephens Expwy in Jefferson County

01/24/2024 10:00 AM

Crash with lane blockage. Please use caution when traveling through this area.

Last updated 41 minutes ago.

ALGO Traffic cameras are a public safety tool for use in real time and not intended to be recorded or otherwise used for any commercial purpose. All unauthorized photography, recording, storing, or transmitting of visual material, data, or information gathered from ALGO traffic cameras without the permission of ALDOT is expressly prohibited.
Overtorn Vehicle

I-459 SB ramp to I-20/59 W in Bessemer

Road Closed

02/01/2024
10:45 AM

Crash causing total road closure. Traffic has been detoured onto I-20/59 EB. Please use caution when traveling through this area.

Last updated 3 minutes ago.
**Traffic Reports**

- **Major Crash**: I-10 @ MP 44.36 at Exit 44/AL 59 in Baldwin County
  - 01/24/2024 8:02 AM
  - 01/24/2024 12:15 PM
  - ROAD CLOSED

- **Major Crash**: I-20/59 @ MP 125.76 at Exit 126A: US31/Elton B Stephens Exp'y in Jefferson County
  - 01/24/2024 8:10 AM
  - 01/24/2024 10:00 AM

- **Minor Crash**: US231/AL210/Ross Clark Cir @ MP 1.79 at AL52 in Houston County
  - 01/24/2024 8:53 AM
  - 01/24/2024 9:53 AM

- **Minor Crash**: US 29 @ MP 209.61 at 30th St E in Chambers County
  - 01/24/2024 8:55 AM
  - 01/24/2024 9:55 AM

- **Moderate Crash**: Al271/Taylor Rd @ MP 4.77 at I-85 in Montgomery County
  - 01/24/2024 9:14 AM
  - 01/24/2024 10:14 AM

- **Moderate Crash**: US231/A31 @ MP 335.05 at University Dr in Madison County
  - 01/24/2024 9:17 AM
  - 01/24/2024 10:17 AM

- **Moderate Crash**: I-20/59 @ MP 125.76 at Exit 126A: US31/Elton B Stephens Exp'y in Jefferson County
  - 01/24/2024 9:46 AM
  - 01/24/2024 10:46 AM

- **PSA**: US 80 @ MP 27.95 at Bankhead Tunnel in Mobile County
  - 02/08/2022 1:36 PM
  - 06/33/2024 2:36 PM
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<thead>
<tr>
<th>Type</th>
<th>Description</th>
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<td>Minor Crash1</td>
<td>US231/AL210/Ross Clerk Cir @ MP 1.79 at ALS2 in Houston County</td>
<td>01/24/2024</td>
<td>8:53 AM</td>
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<tr>
<td>Minor Crash2</td>
<td>US 29 @ MP 209.61 at 30th St E in Chambers County</td>
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Law Enforcement Alerts

Missing Child - Kendell Ezell
Kendell Ezell, a Black Male was last seen in Pleasant Grove, Alabama.

Comments:
On January 21, 2024, Kendell Antonio Ezell left the area of 9th Court in Pleasant Grove, AL and has not returned. He was last seen wearing a black hooded sweatshirt, black and white checkered pants, and black and white Jordan sneakers. His direction of travel is unknown at this time. If anyone has any information regarding the whereabouts of Kendell Ezell, please contact the Pleasant Grove Police Department at (205) 744-1735.

Published January 23, 2024

Missing Child - Lilian Parker
Lilian Parker, a White Female was last seen in Wilmer, Alabama.

Comments:
On January 11, 2024, Lilian Parker left the area of Cutt Fork Road in Wilmer, Alabama and has not returned. Her direction of travel and clothing worn are unknown at this time. If anyone has any information regarding the whereabouts of Lilian Parker, please contact the Mobile County Sheriff's Office at (251) 574-8633.

Published January 19, 2024

Emergency Missing Child Alert - Zaiden Langford - Zaiden Langford
Zaiden Langford, a White Male was last seen in Madison, Alabama. Zaiden Langford, a White Male was last seen in Madison, Alabama.

Comments:
The Limestone County Sheriff's Office is asking for the public's assistance in locating Zaiden Langford. Zaiden Langford is a 15-year-old white male with brown eyes and brown hair. He was last seen on January 17, 2024, at approximately 1:22 PM wearing a black hoodie and sweatpants in the area of Virginia Court in Madison, Alabama. If you have any information regarding the whereabouts of Zaiden Langford, please contact the Limestone County Sheriff's Office at (256) 623-2011 or call 911.

Published January 17, 2024

Missing Child - Evelyn Maez
Evelyn Maez, a White Female was last seen in Enterprise, Alabama.

Comments:
On December 17, 2023 Evelyn Aracely Cucul Maez left the area of Mill Avenue in Enterprise, Alabama and has not returned. She was last seen wearing a red top, white shorts and sandals. Her direction of travel is unknown at this time. If anyone has any information regarding the whereabouts of Evelyn Maez, please contact the Enterprise Police Department at (334) 347-1211.

Published December 17, 2023

Missing Child - Terricka Hartley - Terricka Hartley
Terricka Hartley, a Black Female was last seen in Calera, Alabama. Terricka Hartley, a Black Female was last seen in Calera, Alabama.

Comments:
On December 8, 2023, Terricka Hartley left the area of Aronimink Drive in Calera, AL and has not returned. She was last seen wearing a light colored coat. Her direction of travel is unknown at this time. If anyone has any information regarding the whereabouts of Terricka Hartley, please contact the Calera Police Department at (205) 668-3505.

Published December 11, 2023

Missing Child - Ameriyya Herbert
Ameriyya Herbert, a Black Female was last seen in Calera, Alabama.

Comments:
On December 8, 2023, Ameriyya Herbert left the area of Aronimink Drive in Calera, AL and has not returned. She was last seen wearing dark colored jeans and a light colored jacket. Her direction of travel is unknown at this time. If anyone has any information regarding the whereabouts of Ameriyya Herbert, please contact the Calera Police Department at (205) 668-3505.

Published December 11, 2023
Leaning into...........
Personalized Traveler Alerts

Add a New Traffic Profile

Traffic Profile Area

Use the drawing tools on the top center of the map to help you decide which type of shape you would like to use to select your area of interest.

Draw a shape around the entire area for which you would like to receive alerts. Any alerts that fall within those boundaries will be sent to your email or texted.

When the shape is complete, press the Save Area button. Need help with the drawing tools? Click here.

Check the days you wish to be notified

Select the day(s) of the week to receive notifications for this trip. You can select the entire week, weekdays, or any combination of specific days.
Choose the times you wish to be notified

* Beginning Time
  
  Select the time of day to receive notification. To receive alerts overnight, just set the start time to be in the evening, and the end time to be in the morning.
  
  06:00 AM

* Ending Time
  
  09:00 AM

Notification Types

Select the categories of notification you wish to receive:

- [ ] Incidents
- [ ] Roadwork
- [ ] Travel Information
- [ ] Travel Restrictions
- [ ] Weather Related

Other Details

* Where would you like alerts to be sent?

  3345153485

* Please enter a name to associate with this profile
ALGO(PRV): Incident on I-65 SB at Exit 242: CR52/Pelham/Helena MM 241.97. Lane Closures. A disabled vehicle blocking the right lane. Please use caution when traveling through this area.
https://algotraffic.com/

ALGO(PRV): Incident on I-65 SB at Exit 242: CR52/Pelham/Helena MM 241.97. Lane Closures. A disabled vehicle blocking the right lane. Please use caution when traveling through this area.
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https://algotraffic.com/

ALGO(PRV): Incident on I-65 SB at Exit 242: CR52/Pelham/Helena MM 242.67. All lanes are clear.
https://algotraffic.com/

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Lisa Miller
TETC Fall CAV Working Group Meeting - Doodle poll
*This is an automated annotation, the following message contains an attachment to AGC.
https://www.dropbox.com/syy6j653g2dpte/21af512244e1a222e2b34a27e818624b?dl=0
Moderate Crash

US 31 @ MP 231.52 at Pine Hill Rd in Chilton County

08/17/2023
1:41 PM

08/17/2023
1:41 PM

A moderate crash with unknown lane blockage. Please use caution when traveling through this area.

Nearby Cameras

No nearby cameras

Last updated 10 minutes ago.
Potential Future Additions

- Baron Weather radar
- An ASAP contact feature
- Turn by turn navigation
Winter Weather Event Use

ALGO Traffic
App Analytics

Active Users: 64,845 (+767.3%)
New Users: 53,268 (+2,870.2%)
Sessions: 265,380 (+882.1%)

Active Users By Platform

Active Users By State

Active Users By City

Active Users By Top 10 Cities

Website Analytics Dashboard
Jan 1, 2024 - Jan 31, 2024

How are site sessions trending?
Current period vs. previous period

Which channels are driving engagement?
Goal: Engaged Users

Where is your traffic coming from?
ALGO Traffic Sources or Direct

What pages are viewed the most?

Closing

• The data out is only as good as the data in.
  • Any activity with potential impacts to traffic must be reported.

• We’re constantly trying to improve.
  • User experience
  • Data quality through partnerships with our Traffic Management Centers.
  • Sharing data with other mapping/navigation companies.
  • Integrating WC & RA and ASAP feedback forms via QR codes.
  • Kiosk enhancements and delivery methods
  • After Action Review from Winter Weather Event