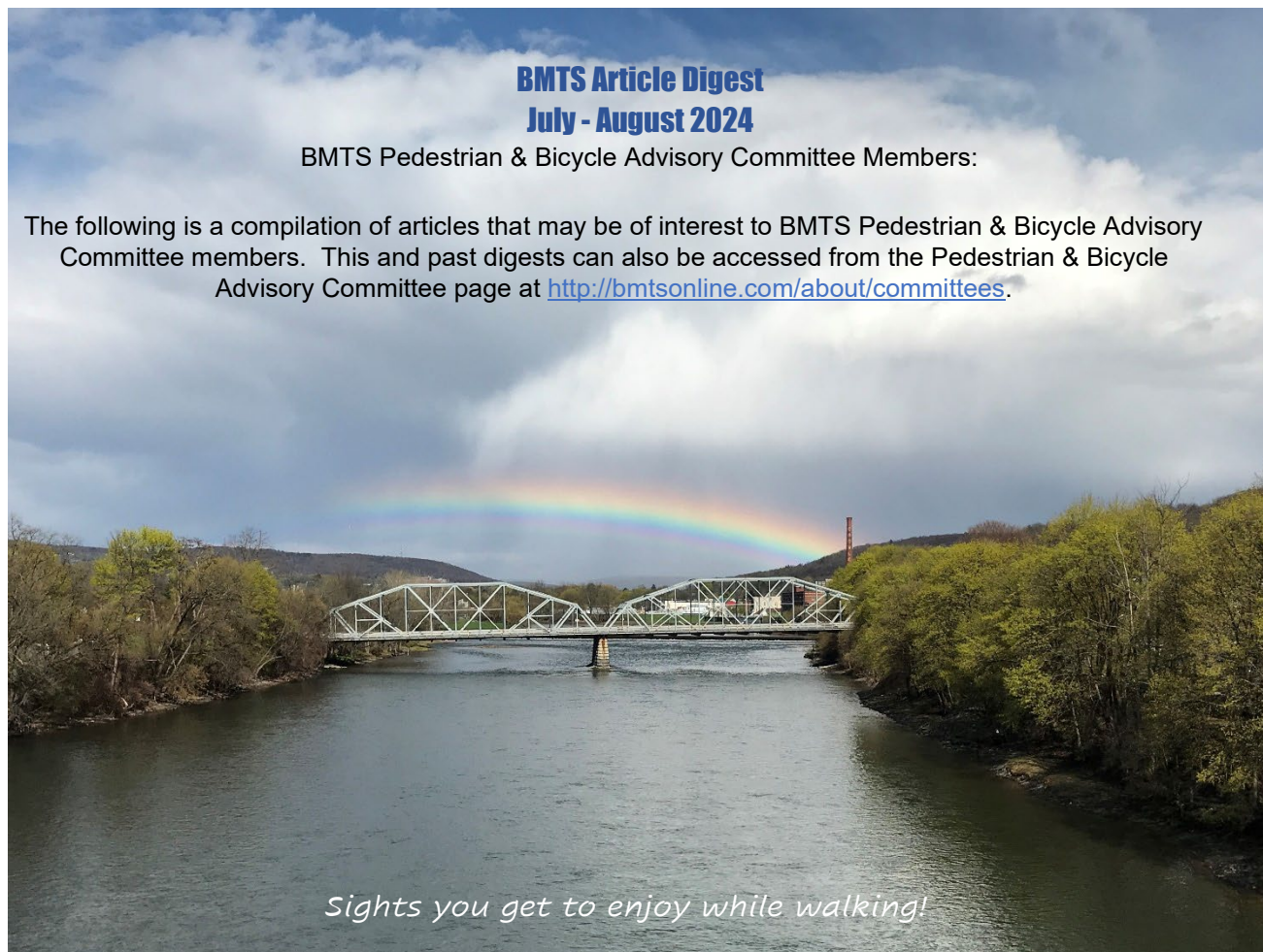


BMTS Article Digest July - August 2024

BMTS Pedestrian & Bicycle Advisory Committee Members:

The following is a compilation of articles that may be of interest to BMTS Pedestrian & Bicycle Advisory Committee members. This and past digests can also be accessed from the Pedestrian & Bicycle Advisory Committee page at <http://bmtsonline.com/about/committees>.



Sights you get to enjoy while walking!

Pedestrian & Bicycle Information Center (PBIC) Messenger e-Newsletter

Go to <http://www.pedbikeinfo.org/newsroom/newsletters.cfm>.

[Subscribe](#) to the new monthly PBIC Messenger. Send news for future issues to editorial team member [Linda Tracy](#).

FREE Webinars

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Come out and play in Broome County

Go All Out Broome County is your simple guide to hundreds of places and thousands of acres in your own backyard or just down the road. Easily locate hidden gems and local favorites then map your next outdoor adventure in Broome County. Go to www.GoAllOutBroome.com.



See the **Two Rivers Greenway Pedestrian & Bicycle Monthly Counting Reports** at <http://bmtsonline.com/data/bikeped-counts>.



AI bicycle safety device could warn of dangerous car collision

Cutting-edge AI device wants to make cycling safer

By Kurt Knutsson, CyberGuy Report [Fox News](#)

Published July 22, 2024 6:00am EDT

The roads are becoming increasingly dangerous for cyclists, and the numbers paint a grim picture. Recently, we hit a heartbreaking milestone: the highest number of bicycle fatalities ever recorded in the United States. The National Highway Traffic Safety Administration reported that [1,105 cyclists](#) lost their lives on public roads. It's a stark reminder that, despite

well-intentioned efforts from various government agencies, we still fall short in keeping cyclists safe.

But here's how things could improve. A game-changing gadget called Survue could keep cyclists safe on the roads. Sure, we've seen bike radar systems before, but Survue? It appears to be in a league of its own. By tapping into the power of artificial intelligence, this device is taking cyclist protection to a whole new level.

Let's be honest. I am sure there are a lot of you out there who would love to hop on a bike more often but are held back by safety worries. Who can blame you? With Survue hitting the road, we might just see a shift in how you view cycling safety.



AI-based bicycle safety device (Survue) (Kurt "CyberGuy" Knutsson)

A bicycle safety device that goes beyond traditional radar

Developed by Maine-based entrepreneur Josh Fox, Survue is an innovative device that looks to address the limitations of existing bicycle radar systems. While conventional systems primarily focus on the speed of approaching vehicles, Survue takes a more holistic approach by considering multiple factors to assess potential risks.

While Survue is not the first AI-based bicycle safety device to enter the market, it intends to differentiate itself through its comprehensive approach and compact design. Survue's key features include AI-powered vehicle detection, 3D location and path prediction, vehicle type identification, automatic video recording and an enhanced taillight alerting system.

In case you are wondering what Survue actually means, it is derived from two French words: sûr, meaning safe, and vue, meaning view.

AI-based bicycle safety device (Survue) (Kurt "CyberGuy" Knutsson)



How Survue works

Unlike traditional radar-based systems, Survue utilizes a camera and sophisticated AI algorithms to analyze the road behind the cyclist. The device can detect approaching vehicles, determine their speed and location, and even predict their trajectory. This advanced analysis allows Survue to

differentiate between passing vehicles and those that pose a potential collision risk.

AI-based bicycle safety device (Survue) (Kurt "CyberGuy" Knutsson)

How does the device alert cyclists and motorists when they are in a hazardous situation?





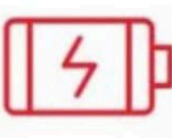

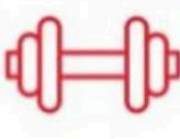
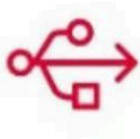



When Survue detects a potentially hazardous situation, it alerts the cyclist in multiple ways. These include an audible alarm on the device, notifications via an optional iOS/Android app, and visual displays on a handlebar-mounted smartphone. It alerts motorists or distracted drivers by increasing the flashing frequency of the integrated 80-lumen tail light.



Technical specifications of cyclist AI safety device

Survue weighs 125 grams and measures 3.5 inches by 2 inches x 1.5 inches. Its battery life is up to six

hours between charges. It can detect vehicles at a range of up to 360 feet and features an 80-lumen light visible from one mile away. The device also supports Bluetooth connectivity for integration with third-party apps. It is also compatible with most bike computers.

 Waterproof Waterproof design handles all riding conditions	 Connectivity Connects to bike computers and apps to receive alerts	 Battery Rechargeable battery; up to 6 hours between charges
 Brightness 80 lumens w/ auto dimming. Modes: flash, on, standby	 Weight 125 grams (3.9 oz)	 Charging USB-C quick charging also works while riding
 Dimensions 89 x 51 x 38 mm (3.5" x 2.0" x 1.5")	 Installation Easy installation. Mount and all tools provided	 Distance Vehicles detected up to 110m away (360 feet)

Video recording for legal protection

One of Survue's standout features is its ability to automatically record video footage of approaching vehicles from the rear that trigger elevated alerts. This feature provides cyclists with valuable evidence in case of accidents or legal proceedings.



AI-based bicycle safety device (Survue) (Kurt "CyberGuy" Knutsson)

How to get your hands on Survue

Survue is currently available through a Kickstarter crowdfunding campaign. With a modest goal of \$5,000, the campaign has already surpassed expectations. Head over to [Survue's Kickstarter](#)

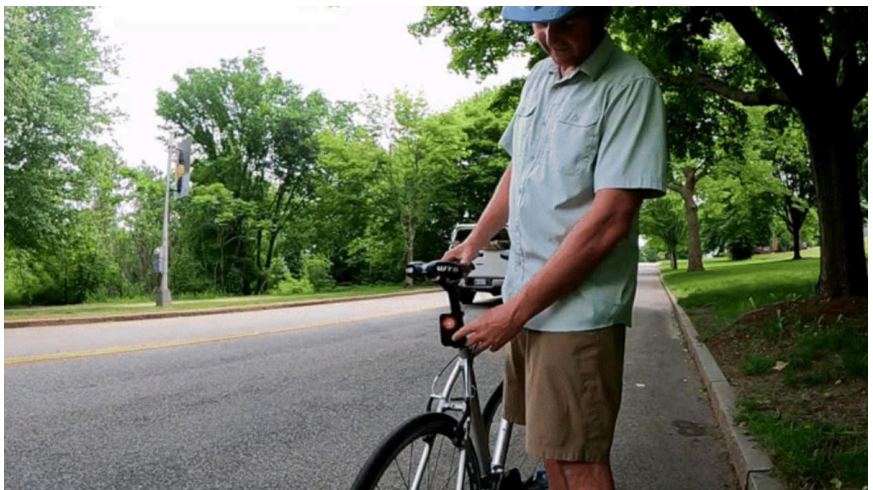
[page](#) to learn more about the pledge tiers and be among the first to experience this AI-powered cycling safety device.

AI-based bicycle safety device (Survue) (Kurt "CyberGuy" Knutsson)

Kurt's key takeaways

By combining AI-powered detection, predictive analysis and automatic video recording, Survue offers cyclists a more comprehensive and proactive approach to road safety. As

cycling continues to grow in popularity, innovations like Survue may play a crucial role in making roads safer for all users. However, the actual test of Survue's effectiveness will come once it reaches the hands of everyday cyclists.



Would an AI-powered safety device like Survue make you feel safer and bike more often? Let us know by writing us at Cyberguy.com/Contact.

Pedestrian killed after being struck by vehicle in Oneonta

By [WBNG Staff](#)

Published: Jul. 23, 2024 at 2:35 PM EDT

ONEONTA, NY (WBNG) -- The New York State Police said a pedestrian was killed after being struck by a vehicle early Tuesday morning.

State Police said troopers responded to State Highway 7 in Oneonta around 5 a.m. for the report of the pedestrian being struck.

Police identified the victim as Amber N. Joy, 40, of Oneonta.

The crash remains under investigation as of Tuesday afternoon and police said the driver of the vehicle is cooperating with investigators.

A section of State Highway 7 was closed as crews worked on the scene. It reopened around 9:30 a.m.



Construction has been completed on a makeover project at a park in the village of Johnson City.

The revitalization work at Jenison Park at Willow Street and Corliss Avenue had been proposed several years ago. The park is located near the Binghamton University Health Sciences Campus

Boland's Excavating of Conklin last year was awarded a \$576,000 contract for the park redevelopment job. Preliminary site work started last fall.

FLASHBACK: Excavation work underway in Jenison Park on November 7, 2023. (Photo: Bob Joseph/WNBF News)

Village officials have said the goal of the project was to create a "memorable public space" that will celebrate Johnson City's past and future.

Johnson City Mayor Martin Meaney said the fencing surrounding the remodeled park was removed this week after NYSEG installed an electricity meter at the site.



A section of Johnson City's renovated Jenison Park on July 24, 2024. (Photo: Bob Joseph/WNBF News)

Meaney said it's a welcome addition to the village's other parks. He said there are a few items still need "tidying up" at Jenison Park including fencing near a performance area. Some artwork also will be installed at the site.

Benches and lighting have been installed along with connective concrete paths

at the park. The mayor said it will be "a nice gathering place."
