



MISSOURI HOUSE OF REPRESENTATIVES
WITNESS APPEARANCE FORM

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| BILL NUMBER: HB 1416 | | DATE: 2/5/2024 |
| COMMITTEE: Special Committee on Homeland Security | | |
| TESTIFYING: <input checked="" type="checkbox"/> IN SUPPORT OF <input type="checkbox"/> IN OPPOSITION TO <input type="checkbox"/> FOR INFORMATIONAL PURPOSES | | |
| WITNESS NAME | | |
| BUSINESS/ORGANIZATION: | | |
| WITNESS NAME: MICHAEL GEARY | | PHONE NUMBER: |
| BUSINESS/ORGANIZATION NAME: STATE ARMOR ACTION | | TITLE: ADVISOR |
| ADDRESS: | | |
| CITY: | STATE: MO | ZIP: |
| EMAIL: | ATTENDANCE: | SUBMIT DATE: 2/5/2024 12:00 AM |
| THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo. | | |



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| WITNESS NAME | | |
| INDIVIDUAL: | | |
| WITNESS NAME: ARNIE C "HONEST-ABE" DIENOFF-STATE PUBLIC ADVOCATE | | PHONE NUMBER: |
| BUSINESS/ORGANIZATION NAME: | | TITLE: |
| ADDRESS: | | |
| CITY: | | STATE: ZIP: |
| EMAIL: arniedienoff@yahoo.com | ATTENDANCE: Written | SUBMIT DATE: 2/5/2024 11:31 PM |

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I am Opposed tot his Bill. This Bill is nutty and weird to say the least. This Bill is allowing more Governmental Oversight of us and to expand our State Government. Defeat this Bill!



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| WITNESS NAME | | |
| BUSINESS/ORGANIZATION: | | |
| WITNESS NAME: JEFF FARRAH | | PHONE NUMBER: |
| BUSINESS/ORGANIZATION NAME: AUTONOMOUS VEHICLE INDUSTRY ASSOCIATION | | TITLE: |
| ADDRESS: | | |
| CITY: WASHINGTON | | STATE: DC ZIP: 20001 |
| EMAIL: jeff@theavindustry.org | ATTENDANCE: Written | SUBMIT DATE: 2/5/2024 8:31 AM |

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

Dear Chair Schnelting, Vice Chair Allen, and Members of the Committee, The Autonomous Vehicle Industry Association (“AVIA”) writes to express our significant concerns with and strong opposition to HB 1416. By prohibiting certain light detection and ranging equipment (“LiDAR”) from being installed on autonomous vehicles (“AVs”) that would receive certifications, license, or approvals, HB 1416 could both reduce safety and detrimentally impact competition. Given the significant concerns posed by HB 1416, we urge the Committee to not move forward with the bill. Alternatively, AVIA would like to work constructively with you to find policy solutions that will support AV operations in Missouri. By way of background, AVIA is comprised of the leading technology, ridesharing, trucking, and automotive companies. Our mission is to realize the benefits of autonomous vehicles (i.e., SAE Levels 4- and 5-capable vehicles equipped with automated driving systems that are capable of driving the vehicle without human intervention) and support the safe and expeditious deployment of these technologies. Today, our members are bringing AVs to Americans across the country, allowing our citizens the ability to experience the safety, mobility, and efficiency benefits of this technology. AVs hold the potential both to save lives and to positively transform transportation in our country. The National Highway Traffic Safety Administration (“NHTSA”) estimates that nearly 43,000 traffic deaths occurred in 2022—approximately 100 fatalities per day. These deaths are overwhelmingly caused by human error. Rather than increase barriers to the deployment of AVs, Missouri should support AV operation precisely because it removes human error from the equation. Unlike human drivers, AVs do not drive impaired, text while driving, fall asleep at the wheel, or recklessly speed. Indeed, for over a dozen years, AV technology has been tested on America’s public roads and maintains a remarkable safety record. Other states have taken notice, with twenty-three (23) states recognizing the many benefits AVs offer by passing laws that authorize AV deployment—including most neighboring states. Missouri’s current lack of regulatory framework expressly authorizing AV deployment has limited AV operations in the state. Effectively prohibiting certain LiDAR from being installed on AVs would further limit AV companies’ ability to bring the benefits of AVs to Missourians. The AV industry is well-established, and LiDAR is a critical tool used by U.S.-based AV companies that helps provide the many safety benefits of AVs. AVs rely on numerous sensing technologies to assess and appropriately react to surroundings. As one such sensing technology, LiDAR provides high-resolution, real-time 3D information that enhances the safety of AVs. Given the current epidemic of deaths on Missouri’s roads, the state should support safety-enhancing technologies like AVs equipped with LiDAR—rather than foreclose their approval. Nearly three people are killed each day on Missouri roads, and the state experienced over a thousand traffic fatalities in both 2021 and 2022. Missouri needs more traffic safety solutions, not less. Unfortunately, HB 1416 would effectively prohibit certain AVs operated by U.S.-based companies from operating in Missouri, and in doing so, the bill would both reduce the number of

traffic safety solutions potentially available in the state as well as negatively impact competition. We strongly believe Missouri should support safety-enhancing technologies and competition. Therefore, we oppose HB 1416 and urge the Committee to not act on the bill. Sincerely, Jeff Farrah CEO Autonomous Vehicle Industry Association



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| WITNESS NAME | | |
| REGISTERED LOBBYIST: | | |
| WITNESS NAME: JEWELL PATEK | | PHONE NUMBER: 573-690-3573 |
| REPRESENTING: ALLIANCE FOR AUTOMOTIVE INNOVATION | | TITLE: |
| ADDRESS: PO BOX 1933 | | |
| CITY: JEFFERSON CITY | | STATE: MO |
| | | ZIP: 65102 |
| EMAIL: jewell@patekandassociates.com | ATTENDANCE: In-Person | SUBMIT DATE: 2/5/2024 8:42 AM |
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Oppose legislation.



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| WITNESS NAME | | | |
| BUSINESS/ORGANIZATION: | | | |
| WITNESS NAME: RUTHIE BARKO | | PHONE NUMBER: 720-308-0842 | |
| BUSINESS/ORGANIZATION NAME: TECHNET | | TITLE: EXECUTIVE DIRECTOR, CENTRAL U.S. | |
| ADDRESS: P.O. BOX 113 | | | |
| CITY: LITTLETON | | STATE: CO | ZIP: 80160 |
| EMAIL: rbarko@technet.org | ATTENDANCE: Written | SUBMIT DATE: 2/5/2024 11:50 AM | |

THE INFORMATION ON THIS FORM IS PUBLIC RECORD UNDER CHAPTER 610, RSMo.

The Honorable Adam Schnelting Chair House Special Committee on Homeland Security Missouri House of Representatives 201 W. Capitol Avenue Jefferson City, MO 65101 Re: HB 1416, Establishes the "Light Detection & Ranging Technology Security Act", TechNet Opposition I write on behalf of TechNet to respectfully express our opposition to HB 1416, which would have a significantly detrimental effect on safety, innovation, and competitiveness across a variety of infrastructure, industrial, and mobility-related industries within Missouri. TechNet is the national, bipartisan network of technology CEOs and senior executives that promotes the growth of the innovation economy by advocating targeted policy agenda at the federal and 50-state level. TechNet's diverse membership includes dynamic American businesses ranging from startups to the most iconic companies on the planet and represents over 4.2 million employees and countless customers in the fields of information technology, artificial intelligence, e-commerce, the sharing and gig economies, advanced energy, transportation, cybersecurity, venture capital, and finance. This measure will stunt investment and innovation in Missouri while also prematurely and severely limiting the development, application, and use of many life-saving and job-creating innovations used throughout the State today. When building innovative, mobility-related products and services, companies leverage a number of technologies to fit their unique needs, including high-quality Light Detection and Ranging (LiDAR) equipment. This powerful sensing technology can support the ability to navigate complicated terrain, prevent vehicle collisions, bring precision to agricultural operations, better manage energy and land resources, and much more. By broadly prohibiting the use of certain LiDAR equipment, HB 1416 would bluntly terminate both government and industry access to high-quality and critical perception technology options bringing innovative solutions to industries in Missouri. Passing HB 1416 would result in a significant loss for Missouri. Losing access to LiDAR technologies would force both government and industry to instead use suboptimal perception equipment for products and services within the State. This is in conflict with pursuing the best interests of the Missouri economy, technological advancement and safety innovations, and industry solutions like those that LiDAR provides in agriculture. For these reasons, we urge the Committee to hold HB 1416, and invite the Committee to further study the issues and implications of the proposed measure. TechNet looks forward to working with the Committee to determine appropriate means to address any potential policy questions regarding LiDAR technology. Thank you for your consideration of our perspective. If you have any questions regarding our opposition, please contact me at rbarko@technet.org. Best regards, Ruthie Barko Executive Director, Colorado & the Central U.S. TechNet



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| WITNESS NAME | | | |
| REGISTERED LOBBYIST: | | | |
| WITNESS NAME: TOM CRAWFORD | | PHONE NUMBER: 573-634-3388 | |
| REPRESENTING: MISSOURI TRUCKING ASSOCIATION | | TITLE: PRESIDENT/CEO | |
| ADDRESS: 102 E HIGH ST | | | |
| CITY: JEFFERSON CITY | | STATE: MO | ZIP: 65102 |
| EMAIL: tom@motrucking.org | ATTENDANCE: In-Person | SUBMIT DATE: 2/5/2024 10:07 AM | |

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The impact of this legislation is very broad and far reaching, and about 20 years late to the debate as it relates to efforts in the trucking and transportation industry. Usage of this technology and investments by the state and private sector have been ongoing for decades. I note the Fiscal Note does not include any response from MoDOT - I think their feedback would be critical as the amount of investment by private sector contractors to provide services to the state and public and keep our economy moving, have been in the 10's of millions of dollars at a minimum for the asset investments. The impact on our economy would be well into the billion dollar range for the length of time the services have been provided.