



Date: November 1, 2019

Resolution: #19-04

Sponsors:

Donna Shahbazi, CSU President

Ayushi Kaul, CSU Board of Representatives

Jackie Laughlin, College of Arts and Sciences 2020

Purpose: Regarding the removal of the two (2) speed humps on Burt Street between N 24th Street and North 27th Plaza, the public street that intersects Creighton University's campus, behind the Hixson Lied Science Building of Creighton University.

Whereas: "Road bumps (speed bumps) play a crucial role in enforcing speed limits, thereby preventing overspeeding of vehicles. It significantly contributes to the overall road safety objective through the prevention of accidents that lead to deaths of pedestrians and damage of vehicles."¹

Whereas: "Speed humps will reduce vehicle speed to 15-20 mph at the humps and 25-30 mph between humps in a series."¹

Whereas: Studies have shown that traffic calming techniques, including speed humps, alter the appearance of a roadway to reduce traffic volume or speed. "The technique is self-enforcing making drivers seek alternate routes. Other by creating a sense of shared space between the driver and resident, make drivers want to slow down on local roads."²

Whereas: "In Omaha, Nebraska, before and after data at ten speed-hump locations found a significant reduction (at the 5 percent significance level) in the 85th percentile speeds."³

Whereas: "Raised intersections and refuge islands are likely to direct more pedestrians to cross within the crosswalk."³ Raised intersections also decrease the rate of jaywalking, therefore allowing for safer pedestrian traffic.

Whereas: "Perhaps the most politically consequential impacts of traffic calming are in the area of safety. By slowing traffic, eliminating conflicting movements, and/or sharpening drivers' attention, traffic calming may result in fewer collisions. Due to lower speeds, collisions may be less serious when they occur."⁴ The two members of the Christian Spirituality Program who were struck by a car in a hit and run on July 12, 2019 and Vindhya Puttagunta who was struck by a car in a hit

¹ Salau, T. A. O., Adeyefa, A. O., & Oke, S. A. (2004). Vehicle speed control using road bumps. *Transport*, 19(3), 130-136.

² Fishman S.R. (2001). Taming traffic, *Road Business*, Summer, Vol 16, No 2.

³ Huang, Herman F & Micahel J. Cynecki. "Effects of Traffic Calming Measures on Pedestrian and Motorist Behavior." *Transportation Research Record* 1705 26-31, Transportation Research Board, Washington, DC.

⁴ Ewing, Reid. "Impacts of Traffic Calming." *Surface Transportation Policy Project*, *Transportation Quarterly* 55(1), 33-46, Transportation Research Board, Washington, DC.



and run on June 6, 2018, are just a few of the many pedestrian-vehicle accidents to occur on roadways surrounding Creighton's campus in the past.

Whereas: While it is recognized that the speed humps were removed from this location due to their lack of ADA compliance, we request new, ADA compliant speed humps be installed. One option we propose is replacing the speed humps with speed tables, which grants better access for pedestrians. "Speed tables can serve as raised marked crosswalks when they extend from curb to curb and provide a flat surface suitable for pedestrians to use. Speed tables can facilitate pedestrian flow while providing vehicle speed control at the crosswalk location. Parabolic or circular speed humps are too rounded or sloped for pedestrians to safely use."⁵

Whereas: Though some studies show that the installation of speed humps does not always work, the area requested has high amounts of pedestrian traffic as well as car traffic each day. The traffic count on the nearest intersection, 24th Street and Burt Street, showed 9,690 vehicles driving east/west in a given day.⁶ This high level of vehicle traffic, when placed next to a parking lot for a university in which students and faculty must cross to access campus, causes high levels of possible incidents for a vehicle-pedestrian collision.

Whereas: It is recognized that signs, crosswalks and pedestrian education are important elements of safety on this road, we believe that the road would be made safer with a fundamental change, speed humps.

Whereas: "The mission of the City of Omaha Traffic Engineering Division is to provide for the safe, environmentally compatible, and efficient movement of pedestrians, bicyclists, and motor vehicles through the design, construction, operation, and maintenance of traffic control systems."⁷ With high levels of both pedestrian and motor vehicle traffic on this street, the safest way to ensure the safety of all citizens as well as the efficiency of pedestrian movement is the implementation of safety devices such as speed humps. Pedestrian safety is, and should be, a greater concern for the City of Omaha, rather than the convenience and efficiency of vehicle traffic.

Whereas: The Creighton University mission states: "As comprehensive, Creighton's education embraces several colleges and professional schools and is directed to the intellectual, social, spiritual, physical and recreational aspects of students' lives...." The direction of the institution towards the physical aspects of students' lives involves the safety of student pedestrians crossing the streets between campus and parking lots.

THEREFORE IT BE ENACTED: Creighton Students Union requests that the City of Omaha reinstall the two (2) speed humps on Burt Street between N 24th Street and N 27th Plaza, the public street that

⁵ Parkhill, Margaret, Rudolph Sooklall & Geni Bahar. "Updated Guidelines for the Design and Application of Speed Humps." ITE Journal, Institute of Transportation Engineers, Washington, DC.

⁶ "2019 Updated 10-21-2019" Traffic Counts and Daily Average Volume. City of Omaha Public Works Department.

⁷ Traffic Engineering Division "Our Mission." City of Omaha Public Works.



intersects Creighton University's campus, behind the Hixson Lied Science Building of Creighton University by December 3, 2019. We propose that the two (2) speed humps to be reinstalled are the ADA compliant ones, speed tables, which grants better access for pedestrians. This resolution will also be sent to Omaha Mayor, Ms. Jean Stothert, Omaha City Attorney, Mr. Paul Kratz, and the City of Omaha Public Works Department's Street Maintenance Division.

Respectfully Signed Addendum: Attached is a petition of individual students who wanted to voice their concern.

Sarah Giacomini, College of Arts and Sciences
Sydney Dang, College of Arts and Sciences
Elizabeth Sperflage, College of Arts and Sciences
Trevor Sandidge, Heider College of Business
Heidi Strigenz, College of Arts and Sciences
Erika Sasaki, School of Medicine
Makenna Scott, College of Arts and Sciences
Rasika Mukkamala, College of Arts and Sciences
Sydney Noecker, College of Arts and Sciences
Anne Archer, College of Arts and Sciences
Caroline Adrian, College of Arts and Sciences
Mackenzie Allen, College of Arts and Sciences
Sam Koshy, School of Medicine
Chris Beaty, Heider College of Business
Courtney Vandeweghe, College of Nursing
Madi Barker, College of Arts and Sciences
Wesley Walling, Graduate School
Kathleen Magee, College of Arts and Sciences
Samantha Mora, College of Arts and Sciences
Kylee Hancock, Heider College of Business
Erin Walter, College of Arts and Sciences
Jenna Werning, School of Pharmacy and Health Professions
Jared Berezi, Heider College of Business
Grace Kelly, College of Arts and Sciences
Erika Lair, College of Arts and Sciences
Jenna Schwartz, School of Pharmacy and Health Professions
Natalee Todd, School of Pharmacy and Health Professions
Michael Onder, College of Arts and Sciences
Bailey Williams, College of Arts and Sciences
Sarah Starkey, Graduate School
Zoey Cook, College of Arts and Sciences
Lucy Carter, College of Arts and Sciences



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Chris Laurenzo, Heider College of Business
Zarria Young, College of Arts and Sciences
Rylie Fikes, School of Pharmacy and Health Professions
Allie Anderson, School of Pharmacy and Health Professions
Caleb McDairmant, Heider College of Business
Elizabeth Nolan, College of Arts and Sciences
Lindsay Zayia, School of Medicine
Emma Munger, School of Medicine
Hannah Gilboa, College of Arts and Sciences
Julie Srail, College of Arts and Sciences
Brooke Pickette, College of Nursing
Emma Nicholson, College of Nursing
Julia Hautzinger, College of Arts and Sciences
Mallory Murphy, College of Arts and Sciences
Sarah Morehouse, College of Arts and Sciences
Michael Linngren, College of Arts and Sciences
Hannah Okelberry, College of Arts and Sciences
Kate Tietjen, Heider College of Business
Sophie Green, College of Arts and Sciences
Karen Dolan, College of Nursing
Kathryn Onorato, Graduate School
Kailey Bell, College of Arts and Sciences
Jack Peters, Heider College of Business
Adam Johnson, Heider College of Business
Hannah Grimm, School of Pharmacy and Health Professions
Ethan O'Hair, Heider College of Business
Brenna Maloy, Heider College of Business
Katie Hicks, College of Arts and Sciences
Kathryn Withers, College of Arts and Sciences
Dominick Babich, School of Pharmacy and Health Professions
Eva Holland, College of Arts and Sciences
Alex Terrell, College of Arts and Sciences
Sara Ward, College of Nursing
Morgan Crockett, College of Arts and Sciences
Madison Haynes, College of Arts and Sciences
Rachel Ergovich, Heider College of Business
Megan Klinginsmith, College of Arts and Sciences
Cierra Kinsey, College of Arts and Sciences

Mitchell Leon, Heider College of Business
Emily Sierra, College of Arts and Sciences
Sophia Marasco, College of Arts and Sciences



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Amanda Duquette, College of Arts and Sciences
 Frances Charles, College of Nursing
 Juliana Ellis, College of Arts and Sciences
 Bella Scipione, College of Arts and Sciences
 Tess Rubish, Heider College of Business
Megan Ackerman, College of Arts and Sciences
 Eleanor Albers, College of Arts and Sciences
 Lia Haddad, College of Nursing
John Paul Rischard, Heider College of Business
 Allison Quady, College of Arts and Sciences
 Ethan Roderick, College of Arts and Sciences
 Ruth McKee, College of Arts and Sciences
Meghan Thornton, College of Arts and Sciences
 Meg Gudenrath, College of Nursing
 George Mata, College of Nursing
 Patricia Heiman, College of Nursing
 Emily Sanders, College of Nursing
 Colby Austin, College of Nursing
Molly Carrig, College of Arts and Sciences
 Cam Nielsen, College of Arts and Sciences
Renaë Melonez, College of Arts and Sciences
 Jack Hersh, College of Arts and Sciences
 Sophie Kouri, Heider College of Business
 Talia Fittante, College of Arts and Sciences
Shannon Goaley, Heider College of Business
 Elizabeth Vavuris, College of Nursing
 Ryan King, College of Arts and Sciences
Maria Stevenson, Heider College of Business
 Ethan Elumba, College of Nursing
Lauren Webert, College of Arts and Sciences
 Sean Coveny, College of Arts and Sciences
 Jacqueline Kay, College of Arts and Sciences
Emily McKenna, College of Arts and Sciences
 Grace Majeres, College of Arts and Sciences
 Ellie Simonson, College of Nursing
 Bailey Braun, College of Arts and Sciences
Madalene Steichen, College of Arts and Sciences
 Kayley Anderson, College of Arts and Sciences
Caitlin Hardenburgh, College of Arts and Sciences
 Meredith Lloyd, College of Arts and Sciences
 Ellie Schmillen, College of Arts and Sciences
 Anna Fujikami, College of Arts and Sciences



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Maci Yelaska, Heider College of Business
Brendan Plate, College of Arts and Sciences
Joe Thibodeau, College of Arts and Sciences
Nicole Sipko, College of Arts and Sciences
Valerie Jarencio, College of Arts and Sciences
Eva-Maria Harwerth, College of Nursing
Alena Theis, College of Nursing
Eliana Wright, College of Arts and Sciences
Sarah Huggins, College of Nursing
Priyanka Gupta, College of Arts and Sciences
Peyton Ernste, College of Nursing
Hannah Lindsay, College of Nursing
Mari Davis, College of Nursing
Charissa Smith, College of Nursing
Cierra Ramsay, College of Nursing
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Grace Deavan, College of Arts and Sciences
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Logan Smith, College of Arts and Sciences
Annie Jensen, College of Nursing
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Madi Corsi, College of Nursing
Tye Barnett, School of Dentistry
Justin Pfeifer, College of Arts and Sciences
Gerimi Sarmiento, College of Arts and Sciences
Jess Hack, College of Arts and Sciences
Shannon Campbell, College of Nursing
Noah Petersen, College of Arts and Sciences
Steffany Nguyen, College of Arts and Sciences
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Hannah Kavan, College of Arts and Sciences
Michael Rhodes, School of Medicine
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Coco Murray, College of Nursing
Bethany Baumgartner, College of Arts and Sciences
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Emma Somers, College of Nursing
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Kylee Bohrer, College of Nursing
Sydney Rapp, College of Nursing
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Clare Longacre, Heider College of Business
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Hannah Storm, College of Nursing
Katherine Sims, College of Nursing
Margaret Marshall, Graduate School
Claire McConville, College of Arts and Sciences
Aidan Herrera, College of Arts and Sciences
Mallory Herbst, College of Nursing
Anna Sniezek, College of Arts and Sciences
Kate Brosnahan, College of Arts and Sciences
Katie Elfstrand, College of Arts and Sciences
Skyler Stencil, College of Arts and Sciences
Emma Malloy, College of Arts and Sciences
Caroline Brosnahan, College of Arts and Sciences
AJ Adhiambo, College of Arts and Sciences
Monica Kneusel, College of Arts and Sciences
Abbie DeVoe, College of Arts and Sciences
Boston Small, College of Arts and Sciences
Jenna Steinlage, College of Arts and Sciences
Lilla Lovas, College of Arts and Sciences
Alejandra Martinez, College of Arts and Sciences
Krystiana Rossmanith, College of Nursing
Ali Libel, College of Nursing
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Shayla Taute, Heider College of Business
Braden Oldham, College of Arts and Sciences
Lexi Christiansen, College of Arts and Sciences
Sarah Kramer, College of Arts and Sciences
Jack O'Hollearn, Heider College of Business
Sam Mora, College of Arts and Sciences
Bridget Backer, College of Arts and Sciences
Kajal Desai, College of Arts and Sciences
Olivia Kock, College of Arts and Sciences
Clara Crenshaw, College of Arts and Sciences
Isabella Powers, College of Arts and Sciences
Alexandria Gudgeon, College of Arts and Sciences
Ellie Heitzig, College of Arts and Sciences
Maddie Hayko, College of Arts and Sciences
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Isaac Lamppa, College of Arts and Sciences
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Amber Pritchard, College of Nursing
Grace Theisen, College of Arts and Sciences
Mikayla Loquist, College of Nursing
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Mary Kate Garriott, College of Arts and Sciences
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Emily Schmahl, College of Nursing
Bhavan Chana, College of Arts and Sciences
Peter Ryan, College of Arts and Sciences
Grace Schander, College of Nursing
Sean Downey, College of Arts and Sciences
Blair Kratochvil, College of Nursing
Erik Bendiksen, Heider College of Business
Annie Pappas, College of Arts and Sciences
Frannie Eisenhauer, College of Arts and Sciences
Lucy Ridgeway, College of Nursing
Madison Loede, College of Arts and Sciences
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Haley Fye, College of Arts and Sciences