



Research & Analytics Bureau
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To Iowa Highway Research Board
Attention Regular and Alternate Members
From Vanessa Goetz, P.E.
Office Research and Analytics Bureau

Date: April 17, 2026

The Iowa Highway Research Board will meet **on April 24, 2026 at 9:00 a.m. at the University of Northern Iowa. The meeting will be held in the Oak Room, Mauker Union. Parking is available at UNI Multimodal Transportation Center (MMTC) also called the 23rd Street Parking Ramp. See additional details below.**

Meeting Visitors: Capacity is limited. Please contact Alex Billman, alex.billman@uni.edu, if you are interested in attending.

AGENDA

1. Agenda review/modification
2. Membership Update
3. Minutes Approval of the December 2, 2025 meeting
4. TR-814, Final Report, ***“Concentration Preserving Deicing Solutions for Higher Ice Melting”***, Ravi Yellavajjala, Arizona State University, \$109,697.00, (20 min)
5. Proposal, Additional Funding, ***“TR-809 Introducing Smart Materials in Granular Roadway and Pavement Foundation Systems for Mitigating Freeze-Thaw Damage & TR-783 Use of Organosilanes to Mitigate the Impact of Freeze-Thaw Damage to the Granular Roadways in Iowa”***, Bora Cetin, Michigan State University, \$142,873.34, (20 min)
6. RFP IHRB-3799, ***“Ongoing Evaluation of Full-Scale Unpaved Research Test Sites”***
7. 2026 STIC Funding Selection
 - a. [STIC-4256 - Evaluating the Effectiveness of Modified Culverts for Flood Mitigation in Iowa](#)
 - b. [STIC-4555 - Data-Driven Event Traffic Signal Performance Fine-Tuning Using Telematics Data Analytics \(SigNature OS\)](#)
 - c. [STIC-4566 - “Open-Source Digital-As Built and Digital Twin workflow and validation of IFC 4.3 Schema with Shop Drawing](#)
8. Innovative Project Ideas Funding
9. New Business

10. Adjourn Regular Meeting

UNI Faculty & Staff Research and Scholarship Networking, 11:00 a.m. – 2:00 p.m

1. John DeGroot - GeoTREE
2. Joshua Sebree - Chemistry & Biochemistry
3. Nathaniel Bryant - Metal Casting Center
4. Ben Schafer - Computer Science
5. Lawrence Escalada - Physics and Science Education
6. Dheryta Jaisighani - Computer Science
7. Kristine Nemecek - Tallgrass Prairie Center

The next regular meeting of the Iowa Highway Research Board is scheduled for May 29, 2026 at the Iowa DOT Ames Complex.

For a list of [current members](#) or for more information about the Iowa Highway Research Board visit our [website](#). To submit Project Ideas visit <https://ideas.iowadot.gov/>

TB/VG

Directions to the Mauker Union from the 23rd St. Parking Ramp**213 East Bartlett Hall off of West 23rd Street****Parking:**

UNI Multimodal Transportation Center (MMTC) also called the 23rd Street Parking Ramp.

Ramp Entry Points: The MMTC can be accessed from either Merner Ave. or Campus Street., located just off the Merner Ave or Campus Street intersections with 23rd Street.

Visitor Parking: Visitors have the option of parking in one of the numbered visitor stalls and paying at the pay station located off of the 23rd Street pedestrian ramp entrance or via UNI Parkmobile (<https://publicsafety.uni.edu/parking-division-parkmobile>) on your cell phone and paying online to park. Visitors using the UNI Parkmobile are encouraged to download & review the Parkmobile app on your phone prior to arriving to campus to avoid unanticipated complications. Visitors paying via the Parkmobile app should park in numbered stalls in the MMTC. If you have a Visitor Permit provided by RSP staff or purchased on your own from the UNI Parking Division you may park in any numbered parking stall.

Navigating to the Mauker Union:

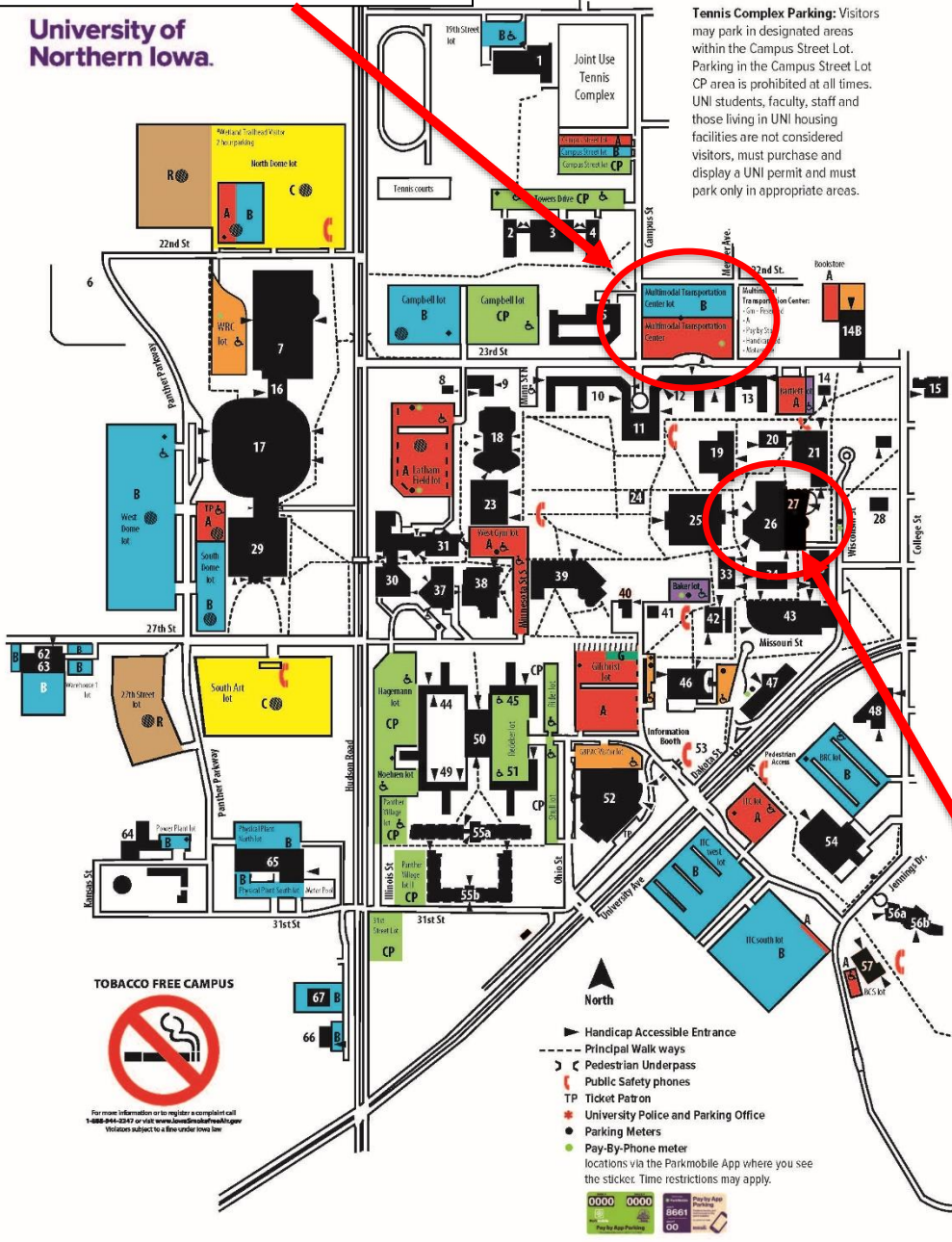
The most expedient path to the Mauker Union from the MMTC parking ramp will be to exit the MMTC from the south exit along 23rd, where the bus stop and vending machines are located. Cross 23rd street toward a large building across the street from the MMTC. This is Bartlett Hall, which extends from directly in front of you to the left (east) if you're facing from the north and looking south to the end of the block to the right (west).

After crossing the 23rd street toward Bartlett Hall proceed left (east) down the sidewalk until you reach the extreme east end of Bartlett Hall. You will see a small surface parking lot on the same side and to the east of Bartlett/East Bartlett Hall. Turn right (south) on the sidewalk leading between the lamp posts and follow that to the end of the building and veer right and at the next point the sidewalk has a four-way intersection turn left and head south. Follow this sidewalk straight south, the Mauker Union will be directly in front of you. Once you are inside Mauker go down the stairs or take the elevator down a level and navigate past the Event Services office and veer to the left. On your left will be MAU Great Hall and on your left a staircase; go down the staircase and go to your left on the first landing and then right. Elm Room will be further down the hall.

Enclosed you will find a UNI parking pass. UNI is looking forward to seeing you at the IHRB meeting on Friday, April 24th. 2026.

Parking garage on 23rd street

University of Northern Iowa.



Tennis Complex Parking: Visitors may park in designated areas within the Campus Street Lot. Parking in the Campus Street Lot CP area is prohibited at all times. UNI students, faculty, staff and those living in UNI housing facilities are not considered visitors, must purchase and display a UNI permit and must park only in appropriate areas.

- Parking Legend**
The use of UNI parking facilities, except metered areas, requires registration and parking permit at all times.
- G parking**
Parking permitted from 7 a.m. to 1 a.m.
 - A parking**
Parking permitted from 7 a.m. to 1 a.m.
 - B parking**
Parking permitted from 7 a.m. to 1 a.m.
 - C parking**
24 hour parking permitted
 - C Preferred - parking**
24 hour parking permitted. Exception: Move in week (week before beginning of the Fall Semester) **NO OVERNIGHT PARKING & MAX TIME LIMIT.**
 - R parking**
24 hour parking permitted. R permit not valid in C or CP lots
 - Metered Lots**
 - D parking**
For use by those with a valid handicapped permit or a temporary UNI handicapped permit and valid UNI parking permit
 - Lot used for scheduled UNI home football games paid parking.** Vehicles with current UNI parking permits may be required to pay posted rates.
 - Other areas as posted. No overnight parking 1 a.m. to 7 a.m.**
 - Loading zone**
All permit holders may use for specified time period
 - Service area**
May be used by university vehicles and vehicles with service permits
 - Motorcycle parking**
Motorcycles are required to display a valid MC permit and must be parked in motorcycle areas
 - Accessible Parking**
Valid handicapped permit or a temporary UNI handicapped permit and valid UNI parking permit required.

Mauker Union

Building numbers begin at the north end of campus and continue to the south.

1 Nielsen Field House	14 Alumni/1012 W. 23rd St. (H-33)	23 West Gymnasium (WST)	35 Seerley Hall (SRL)	49 Noehren Hall (NRN)	63 Tallgrass Prairie Center (NRV)
2 Bender Hall (BN)	15 Center for Social and Behavioral Research/2304 College Street	24 Campanile (CPL)	37 Strayer-Wood Theatre (SWT)	50 Redeker Center (RDC)	64 Power Plant (PPL)
3 Towers Center (TOW)	16 Richard O. Jacobson Human Performance Center (HPC)	25 Rod Library (LB)	38 Russell Hall (RSL)	51 Shull Hall (SHU)	65 Facilities Management (PHP)
4 Dancer Hall (DAN)	17 UNI-Dome (DOM)	26 Mauker Union (MAU)	39 Curris Business Building (CBB)	52 Gallagher Bluebird Performing Arts Center (GBPAC)	66 Environmental Health and Safety Building
5 Campbell Hall (CAM)	18 Schindler Education Center (SEC)	27 Center for Multicultural Education (CME)	40 Admissions Welcome Center	54 Industrial Technology Center (ITC)	67 Storage Building 13
6 Athletic Fields	19 Innovative Teaching Technology Center (ITT)	28 President's Home	41 Psychology #1	57 Business & Community Services (BCS)	14b UNI Bookstore
7 Wellness/Recreation Center (WRC)	20 Begeman Hall (PHY)	29 McLeod Center (MCL)	42 Greenhouse (GNH)	59 Jennings Courts (JCT)	55a Panther Village 1000
8 Marshall Center School (MCS)	21 Lang Hall (LNG)	30 Kamerick Art Building (KAM)	43 McCollum Science Hall (MSH)	60 Roth Apartments (ROTH)	55b Panther Village 3000
9 Student Health Center (SHC)		31 Communication Arts Center (CAC)	44 Hagemann Hall (HAG)	61 University Apartments Office (UAP)	56a Center for Energy and Environmental Education (CEE)
10 Lawther Hall (LAW)		32 Wright Hall (WRT)	45 Rider Hall (RID)	62 Warehouse 1 (WH1)	56b Continuing Education
11 Commons (COM)		33 Wright Hall (WRT)	46 Gilchrist Hall (GIL)		
12 Bartlett Hall (BAR)		34 Sabin Hall (SAB)	47 Latham Hall (LAT)		
13 East Bartlett (SSC)			48 Biology Research Complex (BRC)		