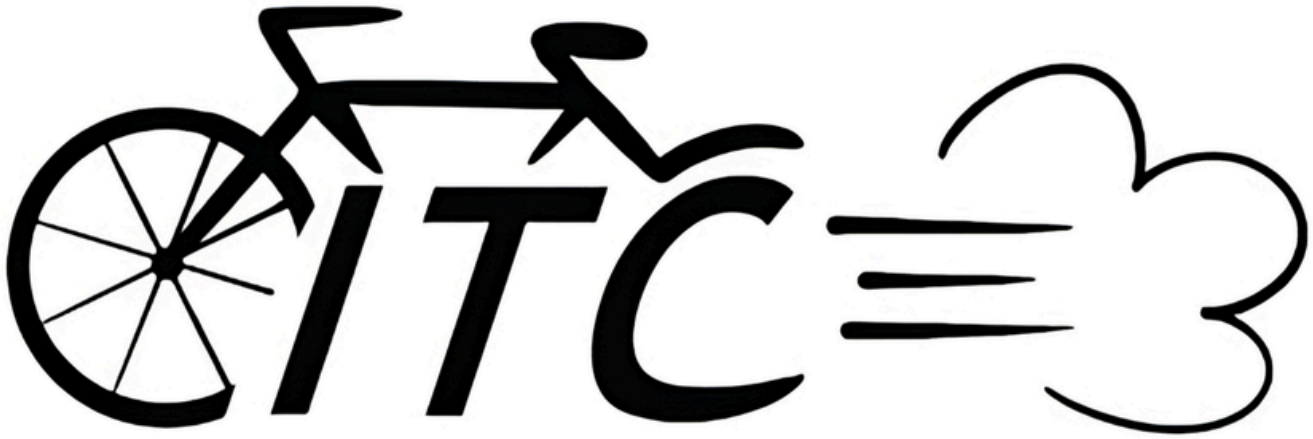
UC Davis Student Chapter ite

Main Competition Prompt



Interdistrict Transportation Competition

Brought to you by:

University of California, Davis

November 14th-16th, 2025

Background & Prompt

Davis, California, is a thriving college town home to the University of California, Davis (UC Davis) and nearly 70,000 residents. Davis is situated approximately 10 miles from Sacramento and 75 miles from San Francisco. Davis is connected to both population centers by transit, via Amtrak's Capitol Corridor Service, which holds the 4th highest annual ridership for commuter rail services outside of Amtrak's Northeast Corridor. Regarding local travel, Davis is famous for its expansive bike infrastructure. Davis boasts approximately 20% bicycle mode share, with almost 50% of residents biking for at least one trip every week. Beyond cycling, Davis is served by Unitrans, a local bus service primarily funded by UC Davis, Yolobus, and Soltrans. Unitrans maintains a ridership of 4 million annually and provides the lowest cost-per-rider service among all California transit agencies.

The city of Davis continually seeks ways to enhance livability through transportation and public space improvements. Specifically, the city of Davis is looking to improve multimodal operations on 2nd Street in downtown Davis. The city has tasked you, as a consultant, to provide plans that recommend designs and policies for the city to adopt. These plans and policies should promote multimodal travel with transit priority on the 2nd Street corridor that connects to the Davis Amtrak Station.

The project area will include the Davis Amtrak Station, 2nd Street from the Amtrak Station to B Street, and the streets that intersect with 2nd Street for one block from 2nd Street, as outlined in **Figure 1**. The project must consider the existing transit, bike, pedestrian, and vehicle networks. Key goals include increasing bicycle and pedestrian activity and safety, enhancing circulation and ridership of local bus services, and promoting transit-oriented and mixed-use development.

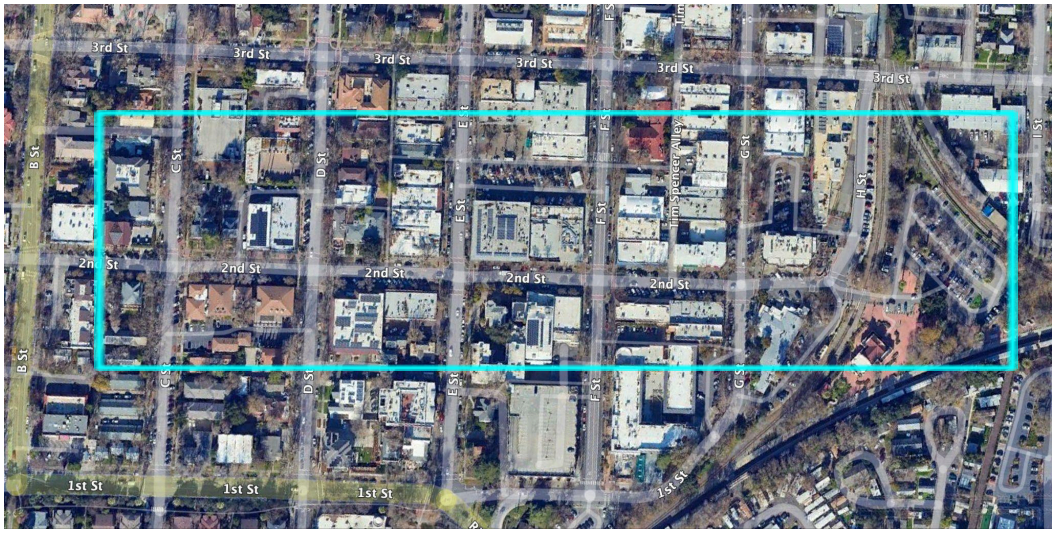


Figure 1: The Study area falls within the blue outline in downtown Davis, California

Previous Projects & Plans

For this project, you will work with the benefit of previous planning work done in the city of Davis. Notable projects include the city of Davis' **General Plan**, **Downtown Davis Specific Plan**, **Davis Amtrak Corridor Study**, **Local Road Safety Plan**, and others on the city of Davis website. State and regional plans can also be referenced to support design and policy choices. These plans should help guide and support choices, and creative design decisions are permitted to override previous planning recommendations. Literature, previous plans, or best practices should support any design choices.

Team Structure

Students from each school should be organized into small "consultant" teams that contain a maximum of ten people. Teams within each school are expected to work independently from each other and will each submit a unique set of deliverables. There is no limit to how many teams a given school can register. If a school is unable to send all team members to ITC, their team(s) may still compete if at least two (2) members are present per team. However, all team members attending ITC must represent their team in the required interview described below.

Deliverables

Each team is expected to deliver the following. Failure to submit either deliverable will result in team disqualification.

1. Project Report
2. Slideshow for Team Interview & Presentation

Project Report

The report shall consist of the sections noted below. The report shall be on 8.5" x 11" sheets, with the exception of the Preliminary Design Drawings, which should be on horizontal 11"x17" sheets. Font shall be a minimum 11-point, and written in Times New Roman. The report body (sections 1, 2…) is limited to five pages. There is no page limit for appendix items. The report must be in PDF format. Figures and tables are encouraged, and will not count against the five page limit.

Title

- Include the following: Project name, consultant team name, university name(s), "Interdistrict Transportation Competition 2025" , and date of submission.

Acknowledgements and Table of Contents

- On a single page, include the list of team members who contributed to the project, as well as their graduation year. If a team consists of two or more schools, denote the school each member is from.

Section 1. Project Overview and Purpose

- Provide project scope.
- Discuss the purpose of the project as per the prompt and include a brief discussion of additional guiding principles (if any) that a team decides to incorporate.
- Briefly describe how the project benefits the surrounding transportation network.
- Keep this section to half a page or less.

Section 2. Existing Conditions

- Parking Supply Analysis
    - Describe existing vehicle and bike parking conditions for the Amtrak parking lot, on-street parking, and off-street parking within the project area.
- Transit Analysis
    - Describe regional and local modal integration, transit routing, and connections within the project area.
- Active Transportation
    - Describe the current biking network level of traffic stress (LTS), its connectivity through downtown and 2nd Street, and how these corridors fit into the broader network.
    - Discuss the study area's safety status with recorded killed and serious injuries (KSI) for pedestrians and people biking.

Section 3. Project Design and Policy Features

- Provide further discussion on alignment with the guiding principles from Section 1
- Address how each of the features of the transportation network from **Section 2** may be impacted.
- Produce typical cross sections for 2nd Street, C, D, E, F, G, and H Street for the blocks immediately north and south of Second Street.
- Discuss how the project aligns with current plans to improve the multimodal transportation network at the Davis Amtrak Station.
- Discuss the extent to which parking infrastructure and policy changes may impact accessibility to downtown Davis amenities.

Section 4. Project Design Analysis

- Where applicable, perform the analyses in **Section 2** with the predicted project conditions after design changes have been made. Provide a discussion on how the results align with the goals stated by the prompt.
- Establish metrics to measure project success following implementation.

Appendix 1. Preliminary Design Drawings

- For Preliminary Design Drawings corresponding to roadway improvements, show the proposed improvements from an aerial view and place the drawing on an engineering title block. The design drawings must be on a horizontal 11”x17” sheet attached to the report body. AutoCAD or Civil 3D is strongly recommended, but not required if a particular team prefers to use another software. The engineering title block must include the following:
    - Team name
    - Street names and extents of roadway design changes
    - Submission date
    - Your school’s ITE logo (if your school does not have one, use the ITC 2025 logo)
- For changes related to transit routes, active transportation planning, and parking planning, provide an overhead view of the proposed improvements. These can be done via an annotated aerial image or a to-scale drawing attached to the report body.
- Keep proposed close to scale, and ensure that changes and annotative text are clearly visible. Include scales and cardinal direction indicators. If annotations include text phrases, please do not handwrite it (Note: handwriting the letter of a Unitrans line is acceptable).
- Please include headers for the items in Appendix 1.

Appendix 2. Additional Appendices (optional)

- Consultant teams may include additional appendices as needed (i.e. calculations, supplemental information, data that is too large to fit in the report body, etc).
- Please include headers for the items in Appendix 2.

Consultant Team Interview

Each team must participate in a 12 minute interview to present their proposed changes during ITC. If a school is unable to send all team members to ITC, at least two members of the team must be present. Failure to do so will result in team disqualification.

Interviews will be conducted by industry professionals, and will consist of a 8 minute presentation followed by 4 minutes for questions, with 3 minutes for transition between team interviews. Interviews are open-door, and the time slots are assigned randomly. If a specific range of time slots are not possible for a specific team, please communicate with ITC leads as soon as possible. However, we are not guaranteed to be able to accommodate every team's request.

Teams also must prepare a slideshow for this interview. Google Slides is strongly recommended for ease of use and submission. Submit presentation files in .pptx format in the same email as the one submitting the main report.

Deadlines & Submission Guidelines

The project report and slideshow are due on Friday, November 14th, 2025 at 10:00 AM PST (11:00 AM MST). Email project submissions to itcdavis25@gmail.com with "ITC 2025 Main Competition Deliverables - [Team Name]" in the subject line.

For late submissions, starting at 10:01 AM PST, submissions will be deducted 15 points at the first minute of every hour after the submission deadline up to 4 hours after the deadline, with a maximum of 60 points. After 2:00 PM PST, submissions will not be accepted.

Request for Information (RFI)

The RFI deadline is Wednesday, November 5th at 11:59 PM PST. Prior to this deadline, teams may submit any questions for clarification or verification of existing conditions. Responses will be answered on a rolling basis on this document. Please note that more complex questions, such as requests to verify details at the project site or take measurements, will take longer to answer. For technical help questions with software, we ask that teams ask their chapter project management officers first.

Submit RFI questions on the form here. Attachments can be included and are encouraged if they clarify the question.