2023 Transportation Demand Management Master Plan Update
Overview of TDM Master Plan Effort

- Updating 2014 Parking and Transportation Plan
- Hired Kimley-Horn through On-Call Engineering Contract
- $172,000 Planning Effort
  - $60,000 Grant from CDOT to Deliver TDM Plan (shared with the State)
- Target Completion – June 2023
- Recommendations for inclusion in CSU’s 2024 Master Plan Update
Transportation Demand Management

Providing travelers with effective choices to improve travel reliability.

The Federal Highway Administration
Transportation Planning

- Improve infrastructure connectivity and circulation
- Improve permeability of walkways, bikeways, & transit
- Improve multimodal safety
- Prioritize the movement of people – system efficiency
- Support interconnectivity between modes
Data-Driven Planning
Data Sources and Factors Considered

Sources:
- Parking Demand
- Transit Ridership
- Bicycle Counters
- Crash Data
- Household (Travelshed)
- Cordon Study (Transportation Flow)

University-Driven Estimates:
- Enrollment
- Beds (on-campus housing)
- Land-Use Trade-Offs
- Goal by Mode of Transportation
Pitkin Low Stress Bicycle Corridor

- CSU Students within Buffer: 6,582
- CSU Employees within Buffer: 1,229

Cartographic Services Provided By:
Erick Kelly
Intern - Geospatial Centroid at CSU

Date: October 6, 2014
West Elizabeth 30% Design Project

www.fcgov.com/westelizabeth

116(172)
28(75)

Lake/Center

119(133)
33(26)

31(43)
102(66)

AM Peak(PM Peak)
CSU FY21 GHG Inventory

- Solid Waste: <1%
- Air Travel**: <1%
- Refrigerants: 2%
- Fleet: 2%
- Commuting**: 4%
- Agriculture: 5%
- Natural Gas: 36%

Electricity: 51%

Total: 159,300 MTCO$_2$e

** Commuting and Air Travel dramatically affected by global pandemic

Figure 2. FY21 GHG Emissions Sources
Infrastructure

Circulation and Connectivity
CITY PARK AVENUE TO SHIELDS STREET
Sidewalk Level Bike Lane
(existing ROW varies 80'-90')
Campus Permeability

Improving Access Across Modes of Transportation
Bus Rapid Transit (BRT)
Engineering
Multi-Modal Safety

Prioritizing Vulnerable Users
Your transportation choice matters! How you get around each day can impact your health, wallet, and the environment. Meet the characters at "State ZooUniversity" for an introduction to these themes.

Click the "CC" button to view captions.
President's Vision Zero Task Force

Rams Moving Safely

The President's Vision Zero Task Force is charged with the examination of all mobility and safety related to pedestrians, personal vehicles, University and contractor work vehicles, bicyclists, skateboarders, e-scooter riders, buses and trains on and near the main Colorado State University campus. In 2021, this interdisciplinary task force will ensure the university is a safer place for all CSU faculty, staff and students.
Vision Zero is a strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all.
People-Focused Throughput

Increase Throughput Efficiency and Reduce Vehicular Emissions
Figure 17: Recommended Design Transit Routes:
The Recommended Design's transit service will be frequent and provide premium amenities for transit patrons.
Interconnectivity
Between Campuses and Modes of Transportation
Connecting Transportation Modes

- Fleet Vehicles
- Free Transit
- E-scooter and E-bike Share
- Zipcar
We Are Representatives
TDM Plan Timeline and Next Steps
Join the outreach email list and stay connected – TDMPlan.colostate.edu

**Timeline**

**Phase 1**
- Presentations to Stakeholder Groups
- Campus engagement pop-ups

**Phase 2**
- In-person stakeholder focus groups (limited availability)
- Take interactive online survey

**Phase 3**
- Feedback on the Unified Campus Mobility Charter and the draft TDMP

**Phase 4**
- Check out the TDMP when it goes public in May/June
Questions

– What faculty/staff transportation needs should be considered in the Plan?
– What student transportation needs should be considered in the Plan?
– Considering day-to-day activities of CSU community members, what infrastructure improvements should be considered in the Plan?
– What opportunities exist (or could exist) for you and/or your department to play a role in optimizing the transportation system at CSU?
Thank you