



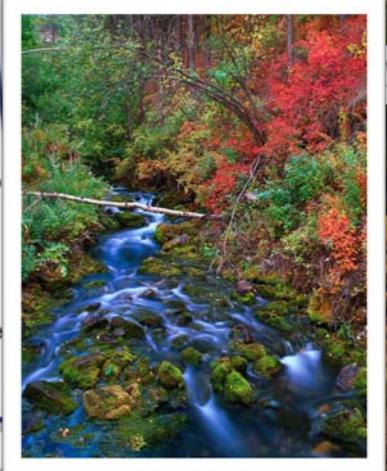
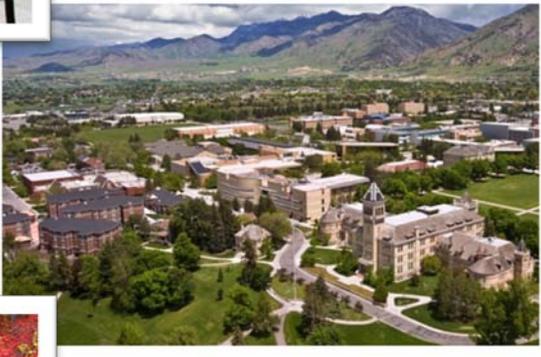
USU BICYCLE MASTER PLAN

DEVELOPING UNIQUE PLAN COMPONENTS SPECIFIC TO CAMPUSES

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About USU

- ❑ Location: Logan, Utah (pop 48,000)
- ❑ 400 acre main campus
- ❑ 2,600 employees
- ❑ 16,800 students, full & part time
- ❑ Campus setting: surrounded by residential neighborhoods, about a mile from downtown
- ❑ Campus character:
 - ❑ 3-4 story buildings
 - ❑ broad pedestrian walkways
 - ❑ one main bisecting street



Purpose

- **SAFETY:** Provide safety and clarity for pedestrians, cyclists, and other non-motorized modes of travel
- **EDUCATION:** Increase awareness and sense of responsibility when using bikes, boards, or blades on campus.
- **SUSTAINABILITY:** President's Climate Commitment, USU will be carbon neutral by 2050. 39% of footprint is from commuters.



Need

□ INCREASE IN CYCLISTS

- More conflict between vehicles, cyclists, and pedestrians

□ AIR QUALITY PROBLEMS

- Identifying a need to reduce vehicle emissions

□ INFRASTRUCTURE CHALLENGED

- Support alternate modes of transportation
- Reduce congestion, less expensive



campus bike map



Legend

Bikeway on Sidewalk

Bikeway on Roadway

Dismount Zone

**Congested Area -
YIELD YOUR WHEELS**

- Slow down, yield to pedestrians

**Ped/Bike Crossing -
SLOW YOUR WHEELS**

- Slow down, exercise extreme caution at road crossings

Pedestrian Tunnel

- Safe Bike/Ped road crossing



Bike Supported Public Transit

- Aggie Shuttle and CVTD buses are equipped with bike racks



Covered Bike Parking



Aggie Blue Bikes

- FREE Bike Checkout



Locker Rooms

- Shower and locker room facilities available



The Wellness Center - HPER

- USU Wellness Center - HPER 109 Sustainability, outreach, screenings, events, incentive programs

**blue
goes
green**

UtahStateUniversity
FACILITIES PLANNING, DESIGN & CONSTRUCTION

Plan Components

□ ON-CAMPUS BIKEWAY NETWORK

- Shared Roads
- Shared Sidewalks
- Caution & Dismount Zones

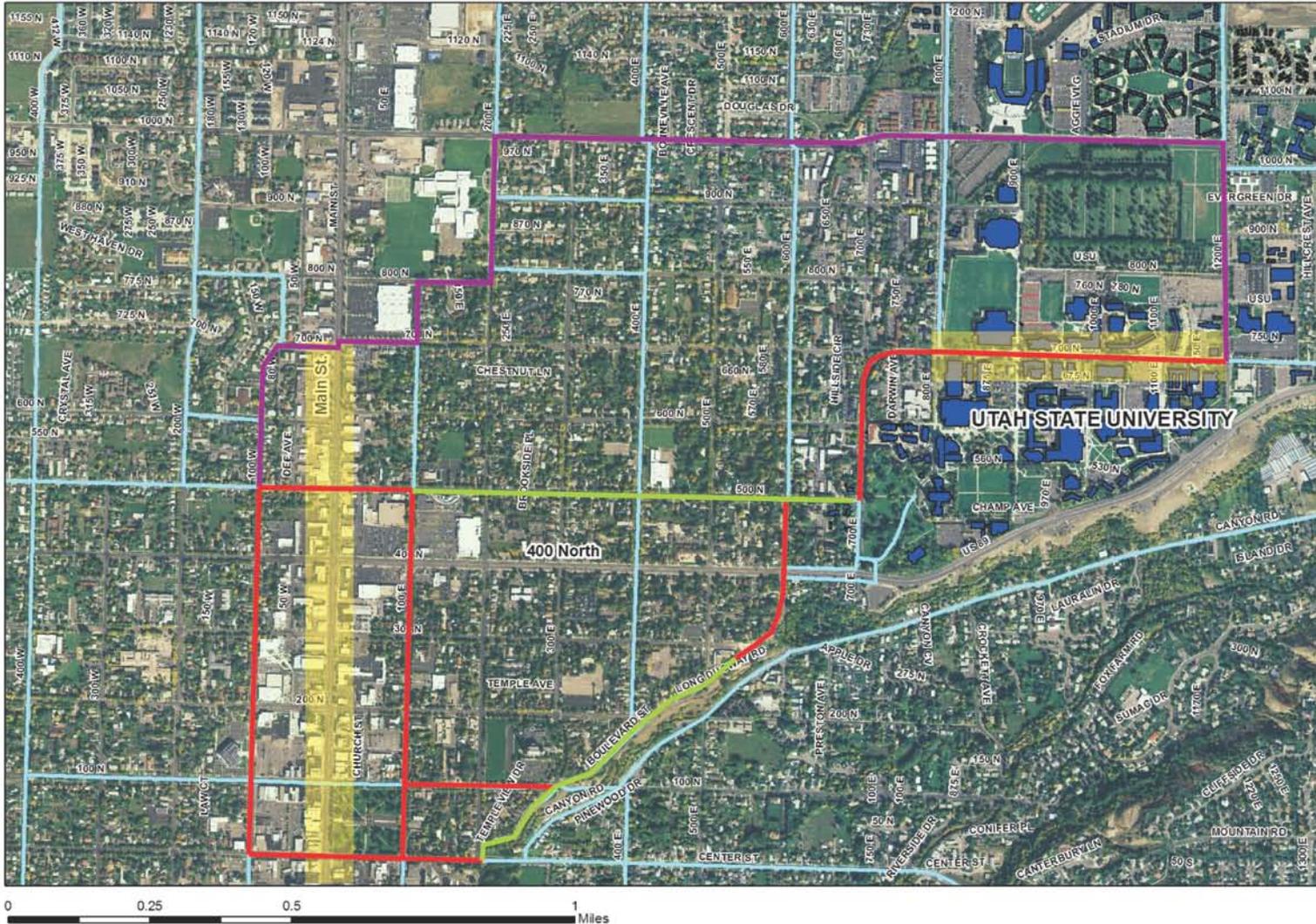


“mini-sharrows”



Plan Components

Priority Bike Routes



Key

- 1st Priority Loop
- 2nd Priority Loop
- Bikeway Master Plan
- Existing Bike Route
- Major Pedestrian Zone

Objectives

- Prioritize major pedestrian zones
- Accommodate pedestrians and bicyclists
- Establish connections between major destinations
- Tie into established routes

Strategies

Utilize bike lane or shared lane (sharrow) design for road markings in most locations per MUTCD standards and AASHTO guidelines.

Plan Components

□ SUPPORTING INFRASTRUCTURE

- bike racks (2,400)
- bike structures (4)
- bike racks on city & shuttle busses



Plan Components

□ EDUCATION / INCENTIVES

- Blue Bikes loaners, bike shop, and education workshops
- Festivals and Events
- Distribution of Bike Map brochure
- Commuter mentoring program (future)
- Student & employee fitness programs



Plan Components

□ ENFORCEMENT

- Existing policy in place (USU Policy #501)
- State laws and local ordinances
- Education for incoming student and employee orientations
- Law enforcement



Plan Implementation

- New bike racks funded each year by the state
- New covered bike structures (4 total)
- City to campus linkages (bike lanes & share arrows)
- Campus bikeways – signs and pavement markings
- Outreach campaign
- Education programs
- Incentive programs





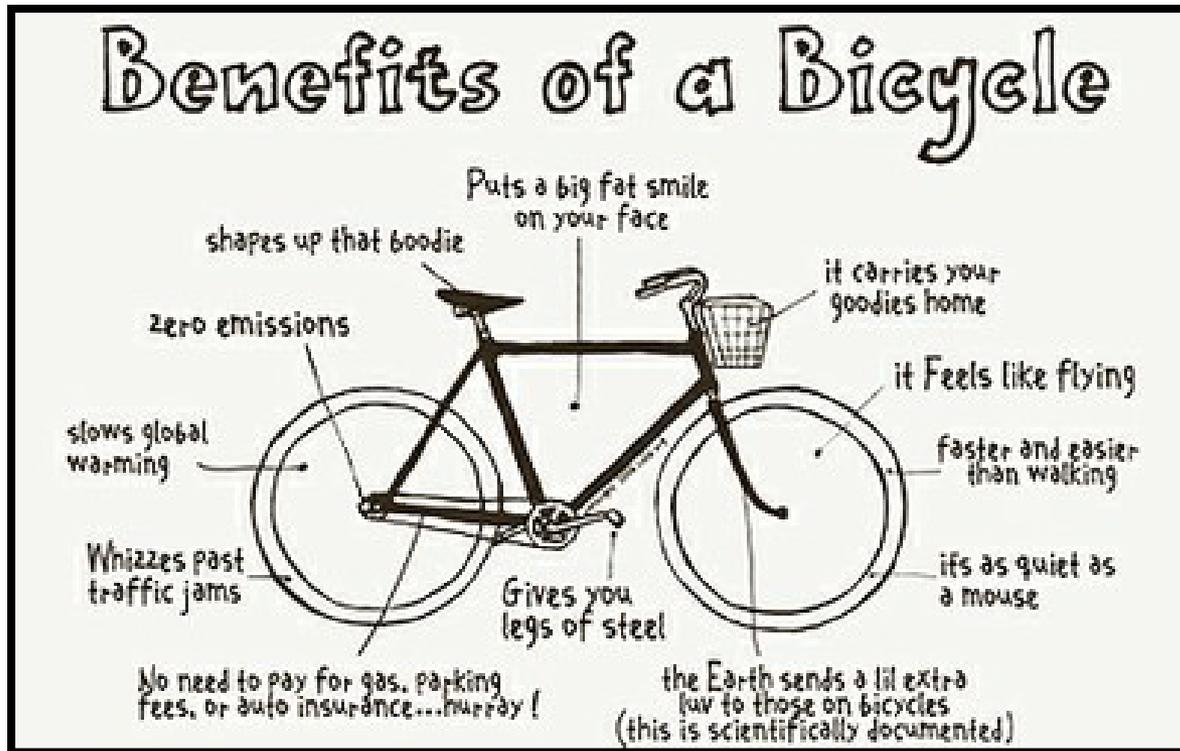
Partners

- USU Facilities Planning
- Aggie Blue Bikes
- ASUSU (Student Gov't)
- USU Wellness Program
- USU Campus Recreation
- USU Police
- USU Parking and Transportation
- USU Student Services
- USU Sustainability Council
- CMPO Bicycle/Pedestrian Advisory Committee
- Logan City

References / Resources

- USU Master Plan
- Logan City Master Plan
- AASHTO Guide for the Development of Bicycle Facilities
- MUTCD (Manual on Uniform Traffic Control Devices)
- USU Bike, Skateboard, & In-Line Skates Policy #501
- State of Utah bike laws
- **NEW!** Utah Bicycle & Pedestrian Master Plan Design Guide
<http://health.utah.gov/obesity/documents/Utah%20Bike%20Ped%20Guide.pdf>

Questions?



Source: University of Leicester