

Associated Students of Western Washington University
Transportation Advisory Committee Master Plan
- February 2015

Over the past several years, Western Washington University has become renowned for its environmental activism and awareness. Simultaneously, increased use of alternative transportation modes has led to increased concern over the safety of the greater campus transportation network. The Associated Students Transportation Advisory Committee (ASTAC), through its experiences and interactions with the student population and the greater community and with a larger emphasis on sustainable and accessible transportation, has identified areas within the realm of greater campus population that need attention.

Outlined below are recommendations for the improvement and future expansion of Western Washington University's main campus. These suggestions are meant to increase the accessibility, sustainability, safety, efficiency, and aesthetic value of the campus, as well as ensure that the university is in compliance with local, state, and federal regulations.

Section 1: Campus Pedestrian Improvements

Western Washington University is a pedestrian oriented campus, with pedestrians taking the highest priority over all other modes of travel. Pedestrians must have a safe, clear path for travel both on and off campus. In order to continue to build on the pedestrian focused nature of campus and to create a better environment for pedestrians, the ASTAC recommends the following improvements:

1. South Campus Path Improvements: Better connect the dorms of Fairhaven and Buchanan Towers to the rest of campus. Currently, the few options that do exist present hazards due to vehicular or bicycle traffic, or due to weather conditions.
 - a. Buchanan Towers to Fairhaven College path presents particular problems in poor weather due to its dirt construction and the hilly terrain it covers. Drainage along the pathway should be improved, and lighting is needed in the area.
 - b. South College Way Sidewalks needs improvement to avoid flowing water in poor weather conditions. Similarly, the connector path from the rear of Buchanan Towers to the street needs to be paved to improve its overall safety and utility.
 - c. Fairhaven Trails between the Fairhaven Commons and both East College Way and the staircase along South College Way need to be clearly marked, paved, lighted, and must also separate pedestrian and bicycle traffic.
 - d. Increase lighting on Bill McDonald Parkway, next to the Birnam Wood Estates
2. Garden Street Crosswalks: Create improved crossing across North Garden Street by adding lighted, flashing crosswalks at Pine and Oak Streets behind Nash and Mathes Hall.
3. Increase lighting on North Garden Street, behind the Viking Union
4. High Street Improvements: Improve the pedestrian nature of High Street through campus by increasing the number and size of sidewalks along the corridor.
 - a. Wilson Library passage to be improved by building a sidewalk along High Street to the crosswalk in front of the bus stop at Haggard Hall.

- b. Construct pathways near the Haggard Hall bus stop that is currently an impromptu dirt trail.
 - c. Turn gravel strips on east side of high street to a widened sidewalk or planting strip.
 - d. Increase lighting at the intersection of Oak and High Street.
5. Ridgeway Improvements: Increase the pedestrian connectivity of the Ridgeway dorms by creating safe new pathways and crossings between popular campus facilities.
 - a. Highland Drive crossing to be improved between the Ridgeway Dorms and the bus stop on Highland by installing a lighted, flashing crosswalk.
 - b. Create a new and formal trail with stairs between the Ridgeway Dorms and the Campus Recreation Center while restricting access elsewhere on the hill.
 - c. Add sidewalks to the west side of Highland Drive
 - d. Prohibit delivery trucks from blocking the sidewalk on the east side of Highland Drive behind the Ridge Commons
 6. Pedestrian corridors, stairs, and wheelchair ramps around campus must be cleared quickly in the event of snow to ensure safe travel for pedestrians
 7. Investigate a way to level out bricks the best we can on campus/ explore the idea of semi-permeable surfaces.
 8. Walking 101 workshops. Develop a plan with Alternative Transportation Office to educate pedestrians and cyclists on sharing lanes.
 9. Improve pedestrian facilities at the Lincoln Creek Park & Ride

Section 2: Campus Bicycle Improvements

Bicycling has become an increasingly important mode of transportation for Western students. Proper bike paths and bike infrastructure both on and off campus are critical for encouraging more Western students to use this environmentally friendly travel option. In light of the increasing need for improved bike infrastructure, the ASTAC recommends the following:

1. Creation of a Cross-Campus Bicycle Network: Use existing bike lanes, roadways, and the creation of new bike paths to create a complete a network of bicycle-friendly corridors.
 - a. Improve East College Way to better protect the safety of bicycle riders and create a critical link in the Cross-Campus Bicycle Network. E. College Way should be the main route for cyclists traveling through campus.
 - i. Increase bicycle signage on East College Way to encourage cyclists to take this route
 - b. Recreation Center and Bill McDonald Parkway pathway should be marked and separated from pedestrians as much as possible. Efforts should then be made to link this path to High Street via the Miller and Bond Hall corridor thereby creating another crucial element of the Cross-Campus Bicycle Network.
 - c. Miller and Bond Hall corridor should be restricted to bicycles and pedestrians only, with bicyclists given a clear pathway and appropriate pedestrian precautions. Signs and other crossing notifications need to be installed to ensure the safety of users of both modes.
 - d. A North Campus connection must be created to link the north end of East College Way to High Street.
 - e. Continue to update and revise the “walk zones” and “shared paths” on Western’s Campus Bicycle Map
 - f. Increase the number of signs that designate “walk zones” and at which times.

- g. Encourage bicyclists to use East College Way during peak times.
2. Bicycle Storage and Parking: Additional covered or partially covered bike parking and storage areas must be constructed in close proximity to buildings to ensure that any student that wishes to take a bicycle to campus either as a commuter or resident has convenient and secure options for storing their bicycle.

Section 3: Campus Transit Improvements

The use of public transportation on Western's campus has increased dramatically over recent years with the introduction of the universal bus pass. In order to foster a community that heavily uses their public transit options for travel to and from campus, and to create a transit system that is more attractive and comfortable for the entire Western community (thereby gaining more riders), the following on-campus improvements are recommended by the ASTAC:

1. High Street Shelter Improvements: Construct permanent, lighted bus shelters on the north side of High Street next to the Viking Union. This shelter should be of the same construct as the shelter next to Haggard Hall and will provide better cover from inclement weather and a more inviting transit experience.
2. Buchanan Towers Transit Shelters: Install and improve the bus stops near Buchanan Towers by sealing the existing bus shelter on the north side of Bill McDonald Parkway and by installing a shelter on the south side of the street.
3. Ridgeway Transit Shelters: Install a permanent and lighted bus shelter behind the Ridge Commons on Highland Drive. This would help provide ridgeway residents with a safer, convenient, and more comfortable transit experience.

Section 4: Campus Traffic and Parking

The way that Western addresses parking and the movement of vehicles is key to determining what mode of travel Western students will take. In order to create a campus that moderates the use of the single occupancy vehicle and provides viable alternative to driving, the following improvements are recommended by the ASTAC (in conjunction with other non-vehicle improvements):

1. Passenger pick-up/drop-off areas: create one or more passenger pick-up/drop-off area on campus that allow for efficient passenger loading and unloading to compensate for East College Way restrictions.
 - a. North-end passenger pick-up/drop-off areas should be located just off Highland Drive in the PAC lot.
 - b. South-end passenger pick-up/drop-off area possible location could be in the location of the C lots by Fairhaven College.
2. On-Street Parking: Work with the City of Bellingham to install and patrol meters at street-parking locations to allow for casual visitor and commuter parking.
 - a. Meter locations on the reconfigured spaces along Highland Drive from High Street to West College Way.
 - b. Possible meter locations on the south end of campus on 25th Street near the entrance of Sehome Arboretum.
3. Residential Parking: Preserve the existing number of Residential Parking spaces currently available on campus. These spaces should not increase with increased residents on campus.
 - a. Student Commuter Parking: Update and improve the current number of existing on/off-campus parking spots. Increase the safety, sustainability, efficiency, and

aesthetic value of all existing parking spaces at Lincoln Creek Park and Ride and continue to provide these spaces free of charge.

- b. Improve the safety, efficiency, sustainability, accessibility, and aesthetic value of all remaining parking spaces on-campus.
4. Highland and High Street: Improve the safety and efficiency of the highly used intersection of Highland and High Street.
5. Carshare Parking: Reserve several spots in highly visible and easily accessible lots around campus for the exclusive use of carshare vehicles, as dictated by student demand. These spots should be in desirable locations to help promote the use of a carshare program and discourage private vehicle ownership.
6. Electric Vehicle Parking: Reserve several spots in each campus lot for electric vehicles and provide charging infrastructure for these cars. These spots could be in the most desirable locations to encourage the use of more alternatively fueled vehicles, but permits for these spaces should be sold at regular prices.
7. Significantly increase the number of handicap parking spaces on campus to ensure that all persons who require accessible parking have access to it.
8. Increase education about alternative transportation options and the availability of Lincoln Creek Park and Ride for commuters seeking parking permits
9. Improve the parking surface at Lincoln Creek Park and Ride, so as to encourage commuters to use this facility, instead of campus parking lots
10. In order to ensure the safety of pedestrians, the timing of traffic lights at the intersection of Bill McDonald Parkway and West College Way should be modified to have all traffic stop and a walk signal at all pedestrian crossings to allow all pedestrians to cross the intersection at once. Currently, left and right hand turns on red by vehicles reduce the safety of both drivers and pedestrians or cyclists.

Section 5: Campus Development

The way that a university campus grows and develops can have a dramatic impact on the movement of students. Campuses that are spread over a wide area, or that are situated in multiple locations, can encourage the use of vehicles and discourage the use of alternative transportation options. In contrast, a compact campus that is designed to be both pedestrian and transit oriented provides greater incentive for students to use non-vehicle modes of transportation by being easily accessible for all students using alternative modes of transportation. In light of this, the ASTAC recommends the following:

1. Campus Infill: Build as many new buildings as possible on campus to consolidate locations and create a pedestrian, bicycle, and transit-oriented campus.
 - a. Relocate administrative offices currently located at Bill McDonald Parkway and 32nd Street to locations on South Campus now occupied by student commuter parking spaces.
2. Waterfront Development: Base all new off-campus development on sustainable transportation principles.
 - a. Build appropriate infrastructure for easy pedestrian, bicycle, and transit access.
 - b. Stagger class times to allow for transit-use between campus locations and major transit transfer centers.

- c. Avoid creating a campus only shuttle to connect both campus locations. Such a system drains campus resources, creates a new and confusing transit service that overlaps an existing system, and does not benefit the broader community.
- d. Seriously consider investing in permanent transit infrastructure that connects the new Waterfront Campus to the downtown Bellingham core and Main Campus. Options for this connection include streetcars, pedestrian bridges over major roads, other pedestrian-only corridors such as Pine or Oak Streets, and modern gondolas.

Section 6: Greater Campus Infrastructure Improvements

Just as the way that a campus is developed can impact the transportation habits of students, the infrastructure in areas surrounding campus can greatly influence the mode of transportation that students choose to get around. In light of this, the ASTAC recommends the following improvements to further encourage the use of alternative modes of transportation:

1. Pedestrian Improvements: Work with and encourage the City of Bellingham to improve pedestrian facilities, infrastructure, and accessibility within the city. Specific projects are outlined below.
 - a. Create sidewalks, with appropriate curb cuts, on both sides of Bill McDonald Parkway from Sehome Village to Campus and build more lighted, flashing crosswalks at strategic points along the corridor.
 - b. Build appropriate pedestrian infrastructure in and around the heavily-student populated Happy Valley neighborhood. Areas for focus include 25th Street from Bill McDonald Parkway to Douglas Avenue and 21st Street from Bill McDonald Parkway to Harris Avenue.
 - c. Add lighting to the pedestrian trail connecting Buchanan Towers to 23rd Street and Douglas Avenue.
 - d. Add lighting to the top of , and along, High Street and Indian Street.
 - e. Two particular areas include the installation of a traffic light at the intersection of Bill McDonald Parkway & 25th St and the installation of a lighted, flashing crosswalk at the intersection of Bill McDonald Parkway and South College Drive.
2. Bicycle Improvements: Work with and encourage the City of Bellingham to improve bicycle facilities, infrastructure, and accessibility within the city. Specific projects are outlined below.
 - a. Create bike lanes on both sides of Indian Street from the campus entrance on High Street to Magnolia Street.
 - b. Continue to update and improve roadways on and surrounding campus.
 - c. Create bike lanes on Holly and Chestnut streets from downtown to Indian Street by removing one of the three travel lanes and realigning the remaining lanes.
 - d. Create a connected network of marked bike routes in the Happy Valley neighborhood. Areas for focus include 25th Street from Bill McDonald Parkway to Douglas Avenue and 21st Street from Bill McDonald Parkway to Donovan Avenue.

Construct a walkway on the south side of East College Way next to the c-lots.

Section 7: Greater Campus Transit Improvements

An excellent public transit system not only gets students to and from campus, but also allows students to travel quickly and conveniently to other destinations in the greater community.

Continuing to improve and expand public transit in Whatcom County is key to creating a transit system that realizes this goal and provides a truly viable alternative to driving not only for Western students, but for the community as a whole. In order to continue on the progress that has been made, the ASTAC recommends the following improvements:

1. Infrastructure Improvements: Work with and encourage Whatcom Transportation Authority to collaborate with the City of Bellingham to install lighted, flashing crosswalks at all heavily used GO-Line stops that are far removed from signalized crossings.
2. Prohibit vehicles from making a right hand turn at the stop-light intersection of West College Way and Bill McDonald Parkway
3. Service Improvements: Work with and encourage Whatcom Transportation Authority to improve service to and from campus, student neighborhoods, and popular student destinations in a manner that simultaneously improves transit service for the community at large. Specific projects are outlined below.
 - a. Increase frequency of evening and weekend services on all routes within the City of Bellingham, and especially those that serve campus, student neighborhoods, and popular student destinations.
 - b. Create a new Happy Valley GO-Line to service the heavily student populated Happy Valley neighborhood.
 - c. Improve regional transportation connectivity by better linking to Amtrak and Greyhound services, Bellingham International Airport, and by improving County Connector services.
 - d. Continue to build a network of high-frequency GO-Lines throughout the City of Bellingham that provide service every 15-minute on weekdays and service at least every 30-minute on evenings and weekends.
 - e. Create more county express routes that have their terminus on Western's campus. These routes provide excellent service for student commuters and eliminate the need for a transfer, thereby encouraging long-distance transit use.
 - f. Work with WTA, Skagit Transit, and Sound Transit to expand bus options to the Central Puget Sound region. Investigate the feasibility of adding weekend service to the Skagit Transit 90X route.
 - g. Work with WTA to advocate for community and legal changes to make transit more accessible to students.
4. Western Student Shuttle: Continue to provide a late night shuttle service to students connecting the main campus, downtown, and the Lincoln Creek Park and Ride, as the Alternative Transportation Fee allows.

Section 8: On and Off-Campus Accessibility

Every student at WWU should be able to move to, from, and around campus quickly, safely, and conveniently. Therefore, campus and the surrounding areas should be completely accessible to everyone, regardless of disability. An accessible campus not only enhances the freedom and quality of life of students with disabilities, but also improves the quality of life for all Western students. In light of this, the following improvements are suggested:

1. Campus Accessibility Improvements

- a. All on-campus pathways, sidewalks, and buildings should be paved and wheelchair accessible with wheelchair ramps and curb cuts built where they are needed.
 - b. New campus buildings and infrastructure should take into account the transportation needs of Western students, especially those who are disabled, and should be planned to accommodate those needs both now and in the future.
 - c. Develop a plan of action to handle snow/ice days that will create safer paths for the western community to utilize. Ensure that Western's Personal Safety Escort Service, i.e. the Green Coats, have vehicles that are wheelchair accessible.
 - d. Construct and maintain accessible routes on campus that are in compliance with the American Disabilities Act of 1990, as amended in 2008.
2. Greater Campus Accessibility Improvements
- a. All WTA fixed route buses should be accessible for persons with disabilities and all operators should be properly trained in how to work with persons with disabilities.
 - b. WTA Specialized Transportation should be planned to create convenient and speedy travel times for riders.
 - c. Sidewalks going to and from campus and in the areas surrounding campus should be made wheelchair accessible, be kept in good condition, and should have curb cuts where appropriate. Bill McDonald Parkway is of particular concern because:
 - i. It is a heavily-traveled path for all students, connecting students to housing and important retail establishments (Sehome Village, etc.) and
 - ii. Significant portions of the Parkway are currently inaccessible to individuals with disabilities due to a lack of sidewalks and curb cuts.