11.4.6 Pedestrian Priority on Campus

2024/2025

Moving People First: AASTMT's Inclusive and Walkable Campus Strategy

The Arab Academy for Science, Technology and Maritime Transport (AASTMT) establishes safe pedestrian access as a core responsibility of campus urban development. Its published Pedestrian Path Policy describes connected walking routes, separation between pedestrians and vehicles, accessible crossings, clear wayfinding and appropriate lighting at Abu Qir. Complementary institutional measures promote sustainable commuting and reduce the disruption of the road network to pedestrian movement. Taken together, these constitute a practical urban planning framework that prioritises people rather than short internal vehicle trips.

The framework intersects with the Academy's disability policy and broader transport approach. Campus paths are intended to connect academic buildings, residences, services and public space; pedestrian safety is reinforced through landscape buffers, traffic calming and universal accessibility.

A Multi-Campus Commitment: Alexandria, Cairo, Port Said, El Alamein and Aswan

Alexandria (Main Campus, Abu Qir): The strongest site-specific evidence includes a pedestrian network linking facilities, peripheral car parking, a circulation approach that separates bus traffic from walking routes, and documented accessible ramps and crossing treatments.

Cairo (Sheraton/Heliopolis and Smart Village): AASTMT's institution-wide accessibility and travel-planning standards extend to these campuses. The 2025-reviewed disability policy identifies an Accessibility Center service point at the Sheraton campus.

Port Said: As an AASTMT campus, Port Said falls within the Academy-wide commitment to inclusive pedestrian access.

El Alamein: AASTMT describes an intelligent transportation network and green public space at its Alamein Campus, aligning transport planning and on-foot access with sustainable campus design.

Aswan (South Valley): The campus forms part of AASTMT's multi-branch network and institution-wide accessibility framework.

AASTMT

Safe Pedestrian Routes, Universal Design and Sustainable Mobility

- **Connected campus circulation:** AASTMT identifies continuous pathways connecting academic buildings, student accommodation, dining and other services, making walking a viable internal mode of commuting.

- **Pedestrian–vehicle separation:** Landscaped buffers, marked walking zones, reduced speeds and the ring-road circulation concept help organise the road network around pedestrian safety.
- **Inclusive public spaces:** Documented ramps, tactile paving, kerb transitions, signage and rest areas are intended to support independent access, including for people with reduced mobility.
- **Comfort and security:** Shaded routes and energy-efficient lighting are identified in the pedestrian policy as measures to make walking safer and more attractive.
- **Reduced car dependency:** AASTMT documents campus shuttle provision, managed parking and travel-planning measures that complement pedestrian priority and sustainable urban development.



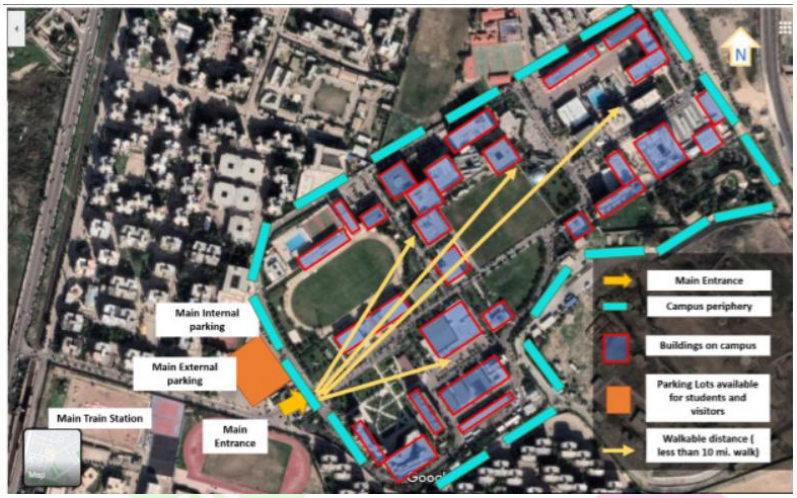




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AASTMT Transport, Ring-Road Segregation & Campus Walkability Master Plan

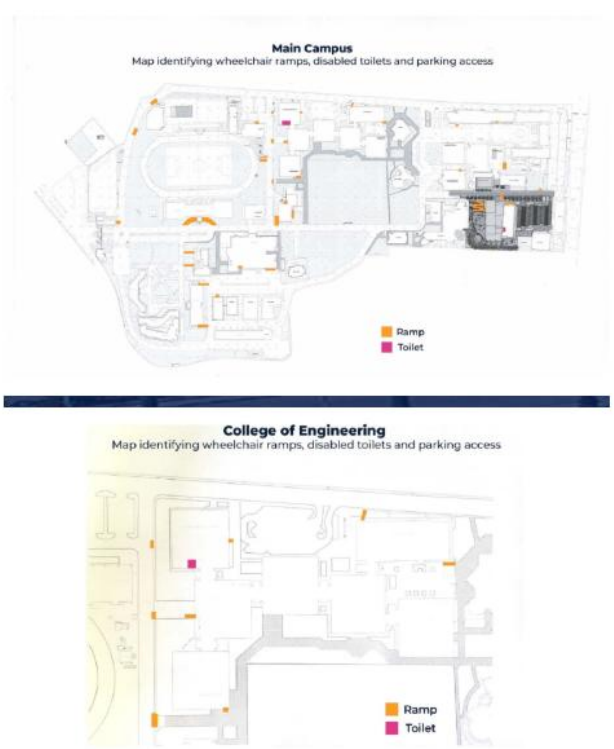
AASTMT formally enacted and operationalized its institutional Transport and Travel Planning Policy, establishing strict pedestrian priority and micro-mobility walkability across campus grounds. The master plan mandates a peripheral ring-road design for campus shuttles and service logistics, establishing complete physical segregation between motorized vehicles and central pedestrian walkways. By positioning student dormitories, dining complexes, and academic halls within a compact 500-meter pedestrian radius, the Academy promotes active living, curtails internal combustion emissions, and eliminates vehicular traffic noise in core learning zones.



AASTMT Transport, Ring-Road Segregation & Campus Walkability Master Plan

Campus Universal Accessibility Master Plan & Wheelchair Ramp Wayfinding Infrastructure

The Accessibility Center (AC), in collaboration with the Engineering Affairs Department, executed a comprehensive physical pathway upgrade to prioritize non-motorized, barrier-free pedestrian access. The project developed a continuous universal pathway system equipped with tactile paving for visually impaired students, zero-grade curb ramps at road intersections, and standardized wheelchair ramps at all college entrances. AASTMT published interactive physical accessibility maps, guaranteeing safe, autonomous, and inclusive pedestrian mobility for all individuals with disabilities without vehicular conflict.



Campus Universal Accessibility Master Plan & Wheelchair Ramp Wayfinding Infrastructure

Transportation & Traffic Engineering Campus Infrastructure Standards

Under the supervision of the Department of Construction and Building Engineering and the Transportation & Traffic Engineering Division, AASTMT implemented strict engineering standards for internal speed calming and pedestrian safety. The guidelines require low-incline speed tables at critical intersections, raised pedestrian crosswalks aligned with sidewalk levels, and illuminated warning beacons. These measures grant absolute right-of-way to pedestrian foot traffic over motorized vehicles, mitigating road hazards and reinforcing sustainable urban development across campus streetscapes.



Transportation & Traffic Engineering Campus Infrastructure Standards

International Transport Week: Multidisciplinary Mobility Engagement

AASTMT's Cultural and Social Activities Department in Alexandria — Abu Qir branch held International Transport Week (1–5 December 2024), bringing together scientific, cultural and sporting activities through the College of International Transport. The event provided an academic setting for engagement with transportation and the wider city mobility agenda, complementing AASTMT's pedestrian-first road network and sustainable commuting strategy.



International Transport Week: Multidisciplinary Mobility Engagement

Student-Led Inclusion and Disability-Rights Awareness at Abu Qir

On 9 November 2024, the Department of Cultural and Social Activities organized student-participation initiatives on the rights of persons with disabilities. This date-verified engagement reinforced the social dimension of inclusive urban planning: making public space and campus mobility accessible to every learner. It complements AASTMT's established approach to universal accessibility, including accessible routes and step-free building entrances.



Student-Led Inclusion and Disability-Rights Awareness at Abu Qir