



Pedestrian Access Analysis & Design



Walking is the most accessible and enjoyable mode of travel.

It is flexible, sustainable and has numerous health and lifestyle benefits. From a transport planning perspective, walking has traditionally been undervalued because it is rarely defined as a network. As a result, investment in pedestrian infrastructure has lacked focus and often lagged behind other modes of transport.



Tract specializes in the analysis of Pedestrian Networks and designing streetscapes that promote walking as an attractive and logical mode of transport to create a more sustainable and resilient transport system

Utilising GIS software, Tract provides comprehensive analysis of pedestrian accessibility and walking catchments by determining walking distance along streets from each property to key destinations such as public transport, shops, open space and community facilities.



Results can then be combined and weighted to give an overall accessibility rating for each allotment.

Once the pedestrian network is delineated, Tract provides services to assess the quality of walking environments utilising a range of indicators.

This analysis is particularly powerful for identifying locations for housing intensification, additional infrastructure, services and transport.

This methodology has been adopted by the Victorian Government's Department of Transport for delineating Principal Pedestrian Networks (PPNs) within and around activity centres.

Analysis can also be undertaken for the provision and quality of walking infrastructure, shade and shelter, delay at intersections and activation from adjoining land uses to inform and focus future public realm upgrades.

Tract's range of pedestrian services culminates in the master planning, detailed design and delivery of high quality streetscapes, public squares and plaza spaces, all of which are focused on the experience of pedestrians.

Projects

- Armstrong Creek Activity Centre, Geelong
- Frankston Central Activities Area
- Reservoir Major Activities Area
- Toolern Major Activity Centre
- Melbourne Activity Centre
- Former Dandenong Centre Mapping
- Burwood Square, Bradmills
- East Brunswick Activity Centre (known as Metro 3175)
- Manor Lakes Activity Centre