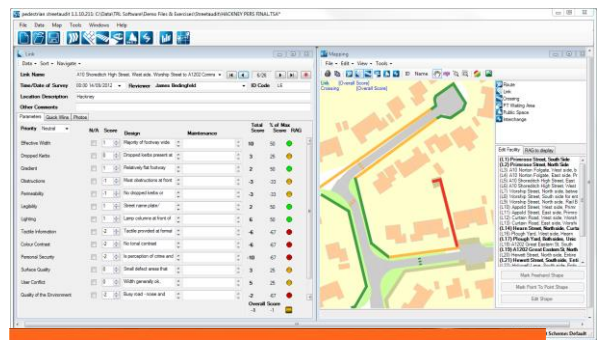# TRLSoftware

Streetaudit

Better Designed & Safer Streets

Streetaudit is a comprehensive and holistic methodology developed by TRL for assessing the street environment from the perspective of three key user groups (pedestrians, cyclists and freight) with the aim of improving design and creating safer, sustainable and accessible streets for all.

Streetaudit Software

To facilitate the storage and manipulation of data collected on-site, a modular software package is available that provides clear and concise information for policy makers, stakeholders and transport professionals.

By combining on-site audits with a simple, yet comprehensive software system that Streetaudit provides, policy makers and stakeholders can easily identify and understand problems and set realistic priorities for each of these challenging environments.

Software Features:

- Supports MapInfo (.MIF) files
- Search functions for fast identification of poorly-scoring environmental features
- Generation of "Quick Win" recommendation work-list reports
- Graphing functionality
- Store photos collected on-site within the Streetaudit software system

PERS – Pedestrian Module

PERS (Pedestrian Environment Review System) consists of on-street methodology and supporting software package to assess the quality of any pedestrian environment.

PERS can assist in the identification of opportunities to improve pedestrian walking routes (such as safe walking routes to schools) and public spaces whilst supporting the effective targeting of resources.

PERS provides a standard and consistent methodology which helps promote walking as a viable transport option, especially in terms of value to health, sustainability, local economic viability and reducing car usage.

CERS – Cycling Module

Increasing numbers of cyclists, combined with their potential vulnerability, means it is now more critical to ensure that cycling networks are actively designed rather than developed as an afterthought to other road users.

CERS is used to assess cycling provision including routes, crossings, cycle parking areas and more. It can be used during the planning process or used to highlight issues in current cycling environments which can be easily combined with PERS auditing to highlight quick and low-cost improvements.

The objective framework used in CERS ensures that wider principles of cyclist safety, comfort and appeal are all considered as part of any audit that takes place.

TRL have been using the CERS methodology since its introduction over a decade ago in a variety of projects including safe cycling routes to schools and cycling master-plan implementation.

FERS – Freight Module

In many busy urban areas, freight can contribute to a significant proportion of traffic movements and street capacity. With a better understanding of what, why and how freight moves within an area, the potential impact on the streetscape can be addressed.

FERS audits can be used as a cost-effective means of assessing the quality and suitability of streets in terms of:

- Infrastructure provision
- Loading capacity
- Signage and access routes
- Safety
- Provision for specialist industries such as cash-in-transit services and breweries

Streetaudit Services

TRL offer a range of consultancy services including full street audits (PERS, CERS and FERS) and delivery of training for Streetaudit customers.

TRL Software consultants have carried-out audits in many towns and cities across the world including within the United Kingdom, Canada, Australia and Africa.

Contact TRL Software for further details.