

Non-Motorised User (NMU) Review Procedures



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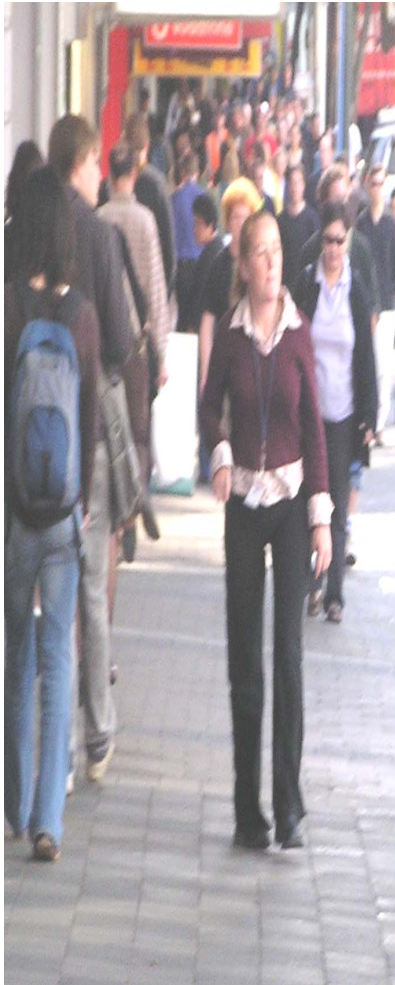
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NMU Review Procedures



BACKGROUND

↳ Non-Motorised User:



Pedestrians



Cyclists



Equestrians

↳ Land Transport NZ project based on UK Highways Agency document

↳ NMU review defined as a:

“systematic process to identify and document existing and potential issues affecting NMUs, set NMU project objectives, to audit designs and construction and to document design decisions...”

NMU Review Procedures



BACKGROUND (cont)

- ↳ Not constrained by simply checking, but examines opportunities to enhance
- ↳ Puts NMU issues into context
 - ▣ Size
 - ▣ Location
 - ▣ Existing/potential patterns
- ↳ Audits design with respect to the needs of NMUs
- ↳ Question: valid to review all users in a single process?

NMU Review Procedures



OBJECTIVES

Seek to achieve optimum provision for NMUs within the constraints of a project:

- ↳ Encourage the Design Team to take all reasonable opportunities to improve the service offered to NMUs
- ↳ Ensure current and future needs of NMUs recognised and developed within project
- ↳ Prevent conditions for NMUs being worsened by the roading project
- ↳ Document design decisions that affect NMUs

NMU Review Procedures



NMU CHARACTERISTICS

Same basic concerns as any transport user:

- ↳ Connected
- ↳ Attractive
- ↳ Safe
- ↳ Accessible

but ...

Individual NMUs are diverse with potential for conflict

NMU Review Procedures

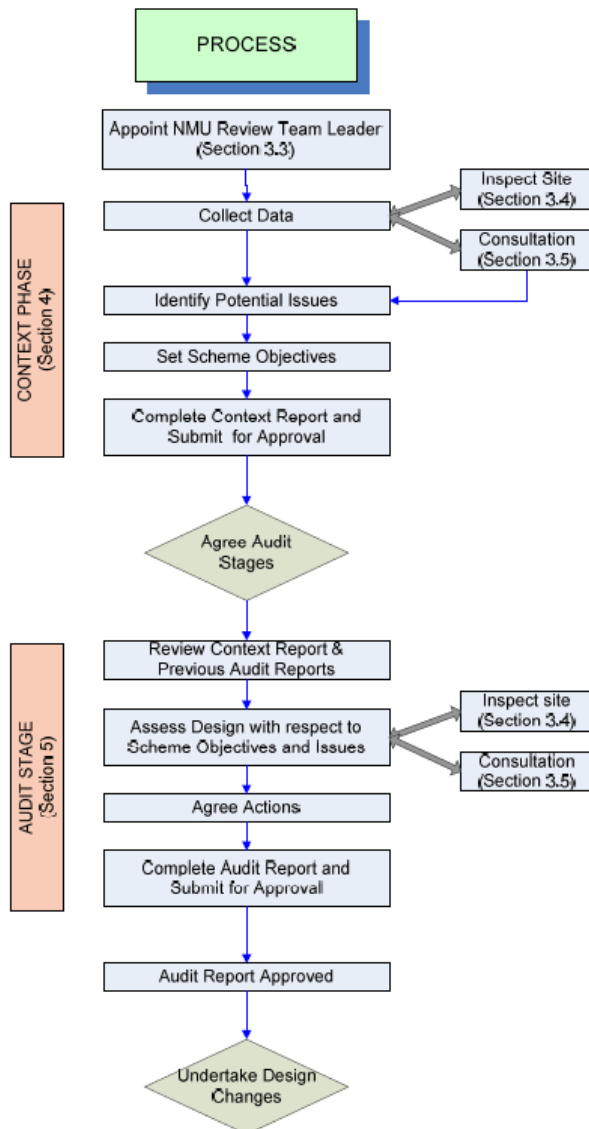


NMU REVIEW PROCESS

- ✎ NOT an independently applied process separate from the project design
- ✎ Integral part of design development
- ✎ Actively involves members of the Design Team
- ✎ Question: independent or continuous?
- ✎ Question: sufficient skill base?



NMU Review Procedures



NMU REVIEW PROCESS (cont)

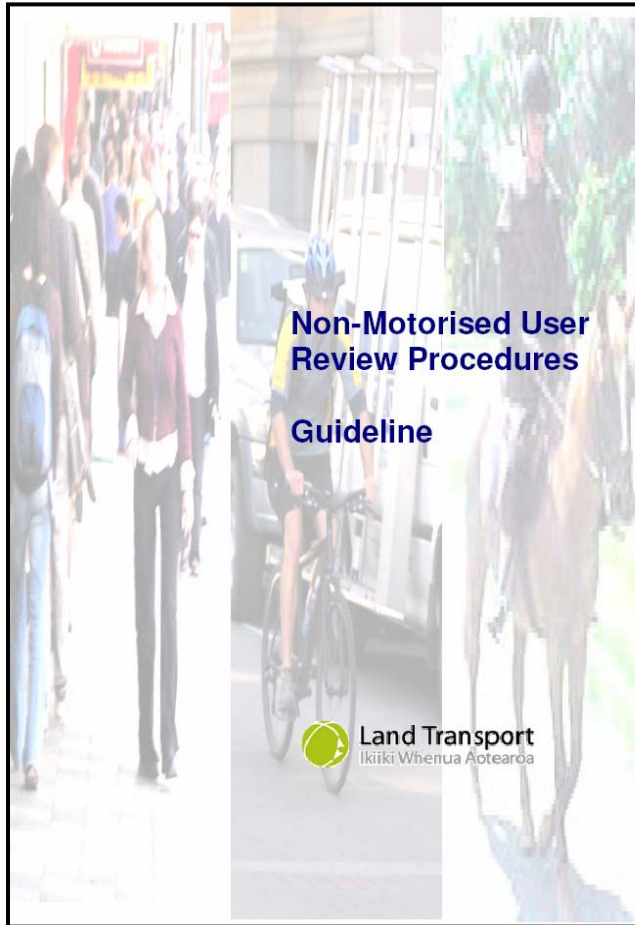
NMU Context

- Collation of background data
- Consultation
- Identification of issues
- NMU objectives
- Audit agreement

NMU Audit

- Assess with respect to NMU objectives
- Consultation
- Identify issues
- Agree actions

NMU Review Procedures



GUIDELINE DOCUMENT

- ↳ Describes process
- ↳ Identifies frequent problems affecting NMUs
- ↳ Provides examples of NMU Context Reports
- ↳ Includes Audit Checklists
- ↳ Provides examples of NMU Audit Reports
- ↳ Status – Consultation Draft seeking use and feedback.
- ↳ Available on Land Transport NZ website shortly

NMU Review Procedures



BENEFITS

- Enhance project designs to fully cater for needs of NMUs
- Minimise need for re-work and physical remedial works
- Meets the needs of the LTMA by ensuring the needs of all road users are taken into account
- Improves awareness of design practices incorporating NMU requirements

NMU Review Procedures



ISSUES/QUESTIONS

- ✎ Valid to review all NMUs in a single process?
- ✎ Independent or continuous audit?
- ✎ Sufficient skill base?
- ✎ Electronic guide with links to various relevant guidelines/standards?
- ✎ Additional costs?