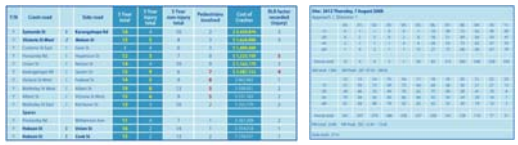
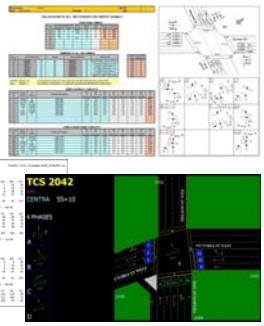
Site selection

- Desktop analysis involving
  - Crashes at intersections involving Red Light Running
  - Crashes involving pedestrians
  - Total cost of crashes at intersection
- Intersection data including Red Light Running data and total traffic volume



Intersection standards

- Site audit undertaken to ensure traffic signal hardware is to standards
- Software review is undertaken
- SCATS time settings reviewed
- Software development
- Maintenance issues
- Documenting intersection operation characteristics



Site investigations

- Canopy issues
- Passenger transport routes
- Kerb line alignment
- Intersection environment
- Driver behaviour

Red Light Camera infrastructure

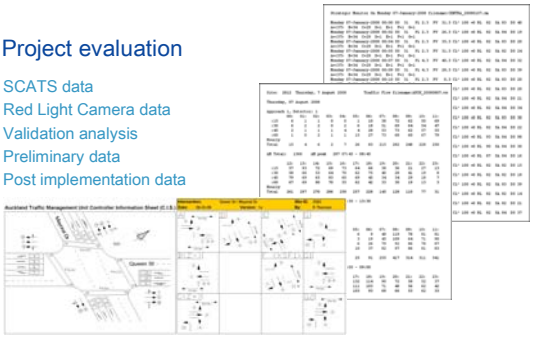
- Camera unit
- Flash unit
- Pole and camera housing
- Detector loops

Equipment approval

- NZ Police
  - Stringent physical testing
  - Hardware and software testing
- Site certification

Project evaluation

- SCATS data
- Red Light Camera data
- Validation analysis
- Preliminary data
- Post implementation data



Operational issues

- Camera operators
- Intersection environment