Illegal occupation on a road network
REAAA Road show, Auckland, 2014

Zane Davidson  Network Engineer
What;
Why;

Auckland Motorway Alliance

- High density neighboring activities
- Social services and volunteer groups
- Access to high volume pedestrian routes
Where;

**Auckland Motorway Alliance**

- Close proximity to Auckland City CBD
Problems; asset damage

The risk to assets;
Fire damage.
Problems; asset damage

The risk to assets;
Vandalism.
Problems; asset damage

The risk to assets;
Illegal dumping.
Problems; network wide

The risk to network users;
Intimidation.
Possession of land.
Problems; network wide

The risk to network;
Crime.
Illicit activity.
Problems; network wide

The risk to network operators;
• Exposure to substances
• Risk of assault
Site clearance; network wide

The homeless need every chance.

Once a site is identified;
- Condition assessments are made;
- Outreach with Auckland City Mission;
- Visit site with NZ Police if required (Issue trespass notices);
- Site clearance AMA crews;
Site clearance; Auckland City Mission Outreach

Site outreach with the ACM

- Case knowledge
- Placement in housing scheme
- Friendly approach
- Success stories
Site investigation with NZ Police

- Stolen goods
- Weapons
- Trespassing
Site clearance can present unique hazards

- Hazardous materials
- Stolen goods
- Weapons
Managing the problems;

**Site mitigation measures.**
Crime Prevention Through Environmental Design;
- Limitations on a Motorway Corridor
  - Access for the public
  - Sight lines

**Specific installations;**
- Noise deterrent devices
- Rock placement
- Access restrictions
Managing the problems; mitigation

**CPTED**

- Vegetation removal
- Less shelter and exposure
Managing the problems; mitigation

Abutments, structure shelves and foundation bases

- Reduce suitability for accommodation
Managing the problems; mitigation

**Anti loitering device**

- High frequency sound
- Ethical considerations
- Neighboring considerations
Questions?