Post-earthquake Reconstruction: Christchurch and CPTED…
12.51 pm 22 February 2011

181 lives lost, hundreds injured

violent and damaging because of proximity and shallow depth

many buildings collapsed – shaking was twice the strength of seismic code

central city and eastern suburbs severely damaged by shaking and liquefaction

over 9,500 aftershocks, including 6.3 on 13 June, 6.0 on 23 December

more large shocks are expected
Extent of damage
Christchurch before 22 February 2011

most of the usual crime issues of a western city

known for unruly central city at night and boy racers

crime prevention partners’ focus on central city at night

• increased Police presence
• Council investment in crime cameras
• Safe City Officers

reduced alcohol related crime by 9% in year to 30 June 2010

still strong perception that the central city was unsafe after dark
Post-earthquake CPTED

extensive rebuild creates the opportunity to design out crime and design in safety

Safer Christchurch Team’s strategy

• introduce CPTED at earliest stages of planning
• have CPTED embedded in new City Plan
• capitalise on existing strong relationships with partners – MOJ, Police, Fire, Neighbourhood Support
• gain funding
• establish reference group to promote CPTED as an essential component of planning and design of public and private developments
Opportunities

to create safe environments in a modern city on a scale rarely possible

to dispel Christchurch’s reputation as an unsafe city at night

to contribute to Christchurch’s hoped for future reputation as the safest city in the world

to embed CPTED into the city’s planning processes

to build a body of work recognised as best practice internationally
Challenges

challenging working environment
dramatic speed of the planning process
lack of knowledge of the benefits of CPTED
concern about the cost of CPTED solutions
the size of the rebuild
Progress

CPTED has been included in the Central City Plan:

• CPTED included in urban design assessment matters
• safety through design project and funding
• street lighting project and funding
• commitment from the City Council for all public spaces to have CPTED assessments at design stage
Progress . . .

assessments of Temporary Villages

reviews of Suburban Centres Programme

assessments of the central city red zone as it is reopened

funding obtained

Safety and CPTED Advisory Group established

there is still much to do . . .