Building the London Cycle Network Plus (LCN+)
Steve Cardno – LCN+ Project Manager

The Story So Far
Introduction

- Background to LCN+
- London Cycling Design Standards (key principles)
- Project Management of the LCN+
- Network Assessment
- Project Examples
- Lessons Learned
- Other Cycling Infrastructure Projects in London
- Ideas for Portland, Oregon
Background

- 1995 – London Cycle Network (LCN) launched (3000km)
- 2001 – Priority Strategic Routes (PSR) Study undertaken
- 2002 – Re-conceptualisation
- 2002 – LCN+ launched (900km)
- 2004 – London Cycling Action Plan (LCAP) published
- 2004 – Cycle Route Implementation & Stakeholder Plan (CRISP) Process
- 2005 – London Cycling Design Standards (LCDS) published
- 2006 – High Risk Infrastructure Barriers identified
- 2007 – Programme to Completion (PtC) prepared
Background Stats

- Population 7.5 million
- Population density 12,300 per square mile
- 10 times more than any other place in Britain
- 25th Largest city in the world
- 609 square mile area (1,579 square km)
- 27 million journey stages per day
- 33 Billion vehicle kilometres per year
On an average day there are 27 million trips made

- 42% car
- 21% walking
- 18% bus
- 10% underground (metro)
- 5% heavy rail
- 2% cycling
- Over **300,000** cycle trips
Project Management

Camden Consultancy Service
Specialists in Highway Management and Engineering

Transport for London
Cycling Centre of Excellence
London Cycling Campaign
London Association of Government
33 London Boroughs

LCN+
Design Standards

- LCDS – May 2005
- Design Check Procedure
- Hierarchy of Provision
- Speed and volume
- Bike lanes and facilities
- Segregation and shared use

Network Assessment

- Cycle Route Implementation & Stakeholder Plan (CRISP)
- Early Stakeholder Involvement
- 4 Stage Process
- Strategy Development
- LCDS Compliant
- Forward Programme
Cycle Route Inspection Meeting (CRIM)
Examples of Typical LCN+ Projects

- See separate presentation
Lessons Learned

- Business Case
- Before & After Studies
- Cost vs Benefit Analysis
- Political Support
- Synergies
- Legacy
- Post Implementation Review
London’s Other Cycling Infrastructure Projects

- Non LCN+ Cycling
- Greenway Routes
- 2012 Olympic Games Routes
- Cycle Hubs
- Cycle Super Highways
- Cycle Hire
- Corridors & Neighbourhoods

LCN+ Principles for possible adaption to Portland

- Traffic Calming / 20mph Zones
- Home Zones
- Greenways
- Bus & Cycle Lanes (or parallel routes)
- Bike Boxes
- Selective Vehicle Detection
Questions & Discussion

steve.cardno@camden.gov.uk