Corridor Management Plans

Managing the needs of all road users

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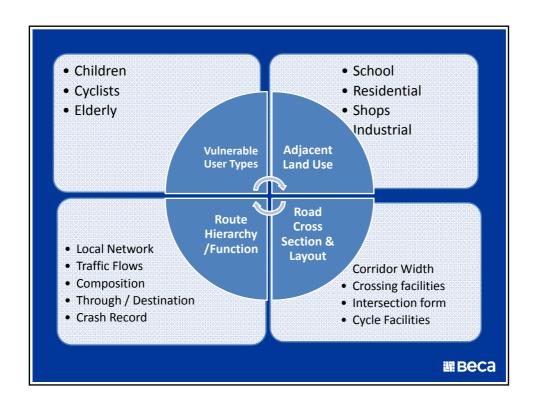
Background to Study

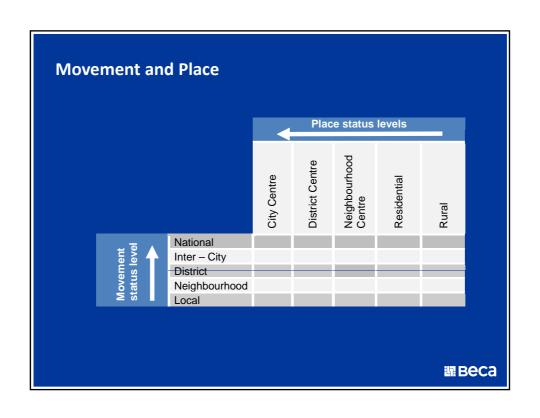
How do we balance Safety and Efficiency on a Mixed-use arterial - for all road users, especially if traffic volumes grow?

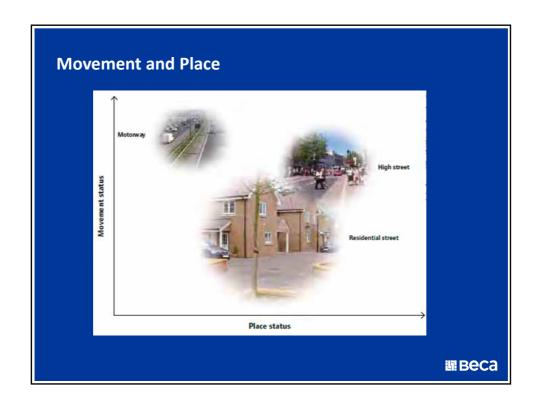
We need a structured (and defendable) approach – Corridor Management Plans (list of improvements)

Key Concepts:

Movement and Place Road User Hierarchy Levels of Service The Self Explaining Road







Case Study – Road X

Arterial Road with three distinct sections

Rural section - lifestyle blocks and farms

Rural/residential section - lower speed limit

Residential with mixed-land-use

Mixed-land-use includes:

Traditional suburban housing Local shops School and Park Sports and recreational facilities

Two-lane Road is expected to carry more traffic in the future

Case Study – Section 1



Movement Category: District Place Status: Rural

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Case Study – Section 2



Movement Category: District

Place Status: Rural /Residential



Road User Hierarchy

- Ranks the importance of road users
- How do we apply this on arterial routes?

Increasing Importance

People with mobility impairments

Pedestrians

Cyclists

Public transport users

Powered two-wheelers

Commercial/business

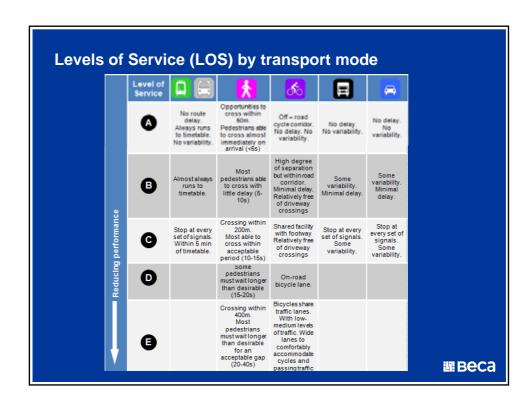
Car-borne shoppers

Car-borne visitors

Car-borne commuters









Self Explaining Roads

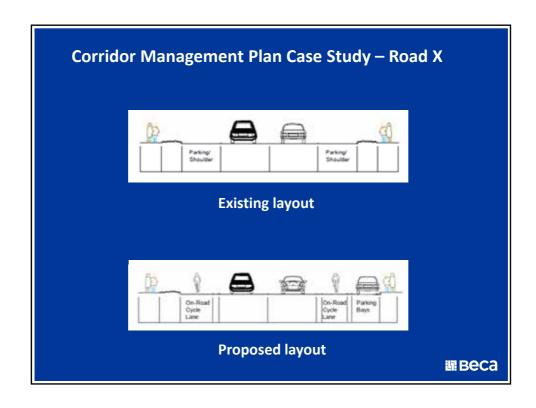
"Must be able to be replicated on other similar roads across a network"

"Corridor should be sufficiently different from other adjoining roads with different functions"

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Corridor Management Plan for Section 3

	Deficiency	Immediate (to 2016)	Mid Term (2017 to 2026)	Long Term (2027 to 2041)
Measures to address LOS Gap – General Section	Pedestrian difficulty crossing	Establish any other pedestrian desire lines such as west of school and install pedestrian refuges	Install signalised pedestrian crossings at suitable locations; Road A, Road B; with increased responsiveness at peak times and lunchtimes	
	There are no separate cycling facilities	Install a dedicated cycle lane throughout section.	No further Action (Unless significant land use or transport mode changes)	No further Action (Unless significant land use or transport mode changes)
	Delays to public transport through Roundabout	No Immediate Action	Install traffic signals at key intersections;	



THE CORRIDOR MANAGEMENT PLAN buildable and affordable replicable improve safety set immediate, medium and long term goals provide balance between people and traffic buy in from local community

