Histon Road Bus Priority Corridor

Workshop 1B: Design parameters and geographic constraints –
Gilbert Road to Kings Hedges Road

November 2016
Key principles:
- Bus lanes in one direction
- Continuous provision for cyclists, segregated where possible
- Pedestrian & cycle crossing facilities
- Enhancement to streetscape
- Nil detriment to current traffic delay
CURRENT DESIGN LAYOUT: GILBERT ROAD

- Advanced Stop Line & approach lane
- Signalised junction
- Tighten kerb radii
- Raised cycleway (1.5m)
- Bus lane
CURRENT DESIGN LAYOUT: GILBERT RD TO KINGS HEDGES RD

- Raised entry & reduce kerb radii
- Raised cycleway (1.5m)
- New pedestrian crossing
- Raised cycleway (2.0m)
- Land to be acquired
- Tighten junction
- Existing pedestrian crossing
- Raised cycleway (1.5m)
- Carisbrooke Road
- Roseford Road
- Brownlow Road
- Hazelwood Close
- Blackhall Road
- Darwin Green development
- Land to be acquired
- Shared-use bus stops
- New Toucan crossing
- Bi-directional cycleway
- Shared-use area
- Shared-use bus stops
SUMMARY OF KEY FEATURES

- Signalised junctions
- Bus lanes (exact length yet to be determined)
- Segregated (raised) cycle lanes
- Segregated two-way cycle lanes
- Controlled crossings
TYPICAL CROSS SECTIONS: NORTH OF GILBERT CL

View north

HISTON ROAD

Existing (view north)

Current design (view north)
TYPICAL CROSS SECTIONS: NORTH OF CARISBROOKE RD

**View north**

**HISTON ROAD**

**EXISTING**

- 1.8m Verge Trees
- 2m Footway
- 7m Carriageway
- 2.6m Verge Trees
- 1.5m Footway
- 1.2m Verge Trees

**Do MAXIMUM**

- 2m Footway
- 2m Raised Cycleway
- 6m Carriageway
- 3m Bus Lane
- 2m Raised Cycleway
- 2m Footway

**POTENTIAL**

**Example Width**

- Carriageway 8m
- Footway 2m
- Cycle lane 2m
- Parking/Merge 2m
- Footpath 1.8m
- Verge 1.8m

**Current design (view north)**

**Existing (view north)**

**WSP | PARSONS BRINCKERHOFF**
TYPICAL CROSS SECTIONS: NORTH OF HAZELWOOD CL

View north

EXISTING

HISTON ROAD

Do MAXIMUM

POTENTIAL

Example Width
- Carriageway 5m
- Bus Lane 3m
- Cycle lane 3m
- Parking/Verge 2m
- Footpath 1.8m
- Verge 1.2m

Scale: 1m

Existing (view north)

Current design (view north)
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