

# Howick Village Centre Upgrade

## Concept Design

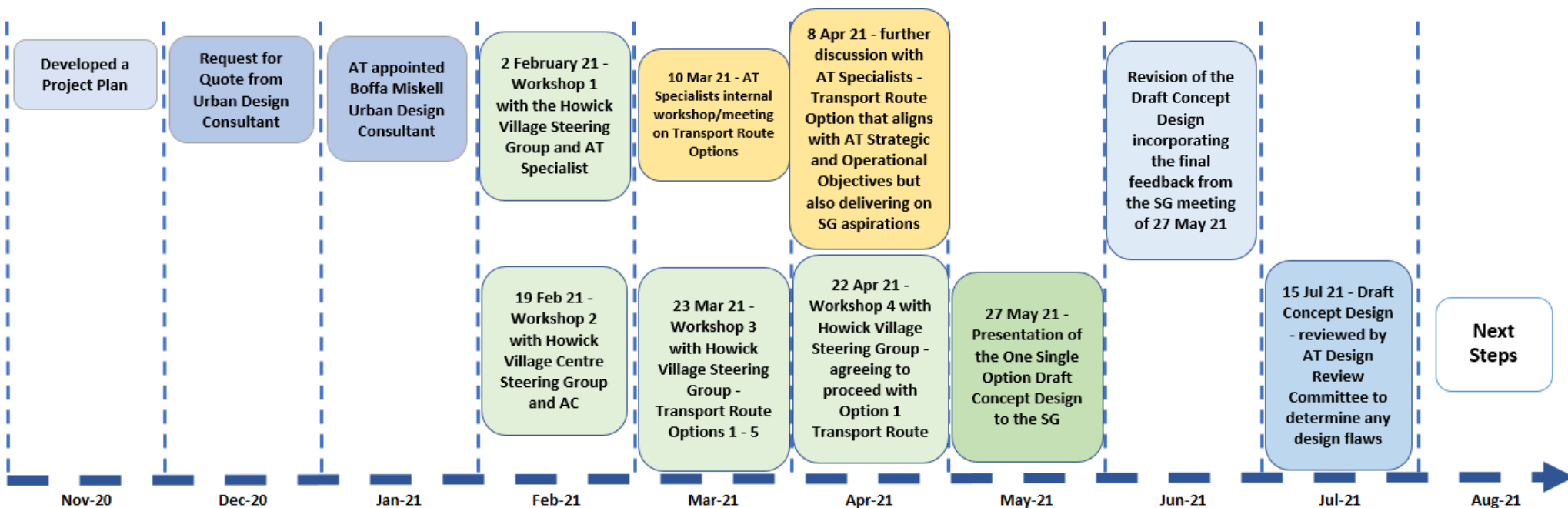


# Contents

- High Level Timeline
- Picton Street Current Road Layout
- Project Objectives
- Transport Route Options considered
- Site wide plan
- Next steps

# Concept Design Timeline

## Howick Village Centre Upgrade Timeline



# Howick Today

CHARACTER VILLAGE



CULTURAL



VIEWS

PUBLIC TRANSPORT

SATURDAY MARKET

HISTORY

COMMUNITY

CAR DOMINANT

CLOSE TO THE SEA

WIDE CARRIAGEWAY

WELL LOOKED AFTER



VIBRANT



# Howick Today



# LOCAL BOARD PROJECT OBJECTIVES

## DESIGN STRATEGIES AND OPPORTUNITIES



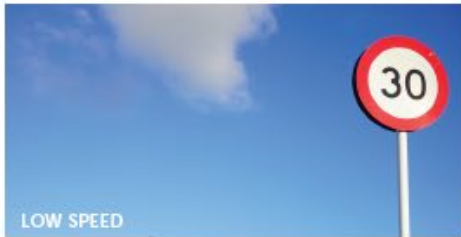
### A CHARACTER VILLAGE



### A COMMUNITY VILLAGE



### AN ACCESSIBLE VILLAGE



### A GREEN VILLAGE



# Five Transport Route Options



# Agreed Transport Route



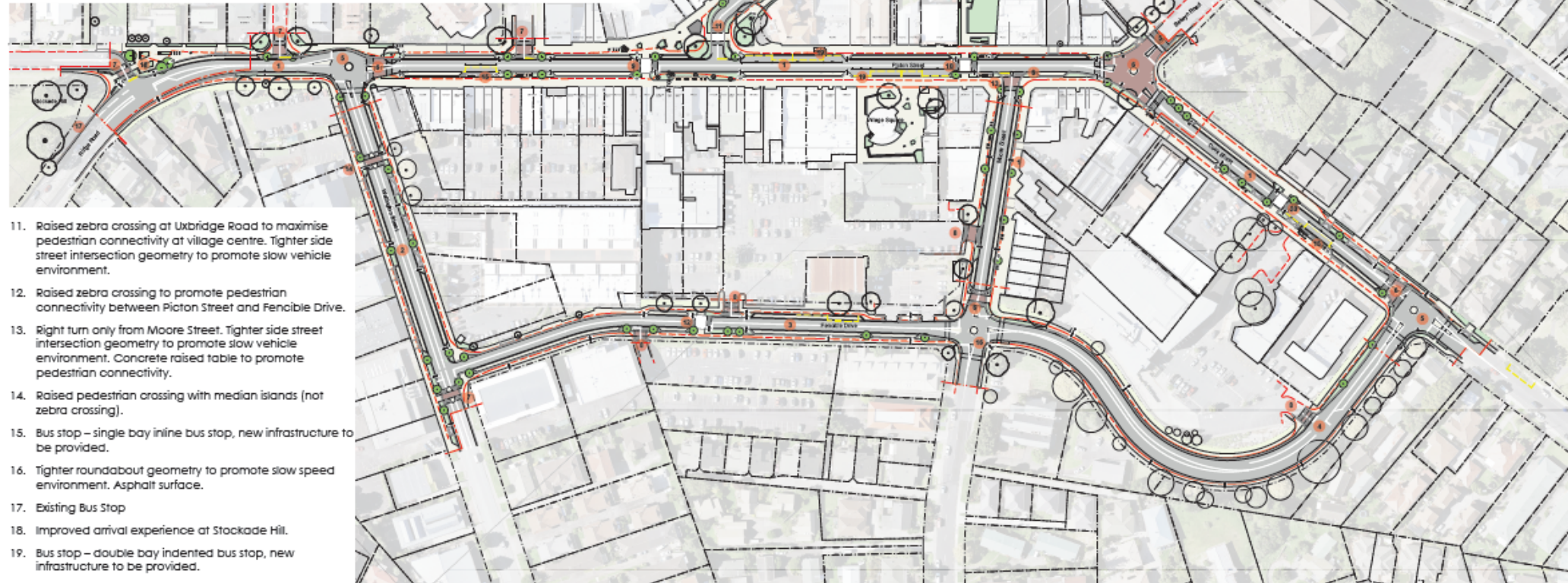


# DRAFT CONCEPT PLAN

## SITE WIDE PLAN

Note: Existing kerb alignment has been shown in Red dotted lines.

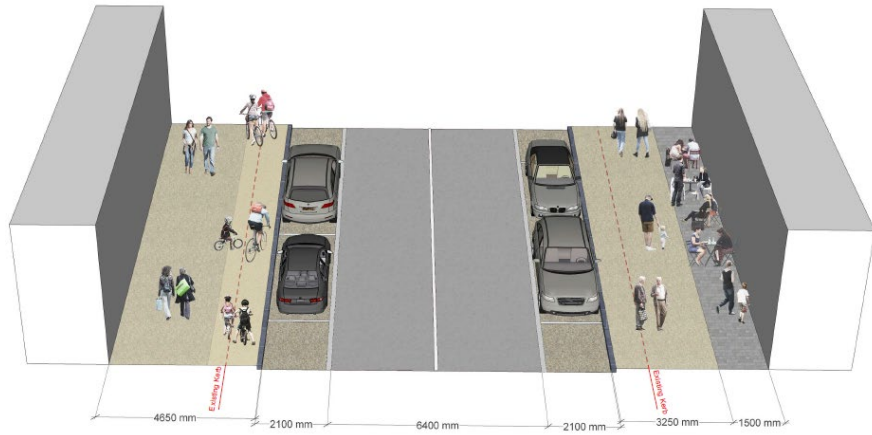
1. 3.2m carriageway, 2.1m parking bays and widened footpath
2. 3.2m carriageway with existing painted median
3. 3.0m carriageway and 2.1m parking bays
4. 3.2m carriageway with existing painted median, slip lanes to Countdown carpark to be maintained
5. Tighter roundabout geometry to promote slow speed environment. Planted edges to footpath. Safer pedestrian crossings to be provided.
6. Raised decorative surface to be provided to enhance village arrival experience (exposed aggregate concrete with rumble cobble stone edges).
7. Tighter side street intersection geometry to promote slow vehicle environment. Concrete raised table to promote pedestrian connectivity.
8. Raised table at car park vehicular entrance to promote pedestrian connectivity and slow vehicle environment.
9. Relocated raised zebra crossing, aligned with existing arcade to increase surveillance into arcade. Relocated from Uxbridge Rd intersection for safety.
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15. Bus stop – single bay in-line bus stop, new infrastructure to be provided.
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17. Existing Bus Stop
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EAST SIDE  
(FENCIBLE WALK)

WEST SIDE  
(VILLAGE SQUARE)



STREET FURNITURE ZONE  
STREET TREES

EAST SIDE  
(FENCIBLE WALK)

WEST SIDE  
(VILLAGE SQUARE)



ZEBRA CROSSING

SIDE STREET  
Gateway

EAST SIDE  
(FENCIBLE WALK)

WEST SIDE  
(VILLAGE SQUARE)



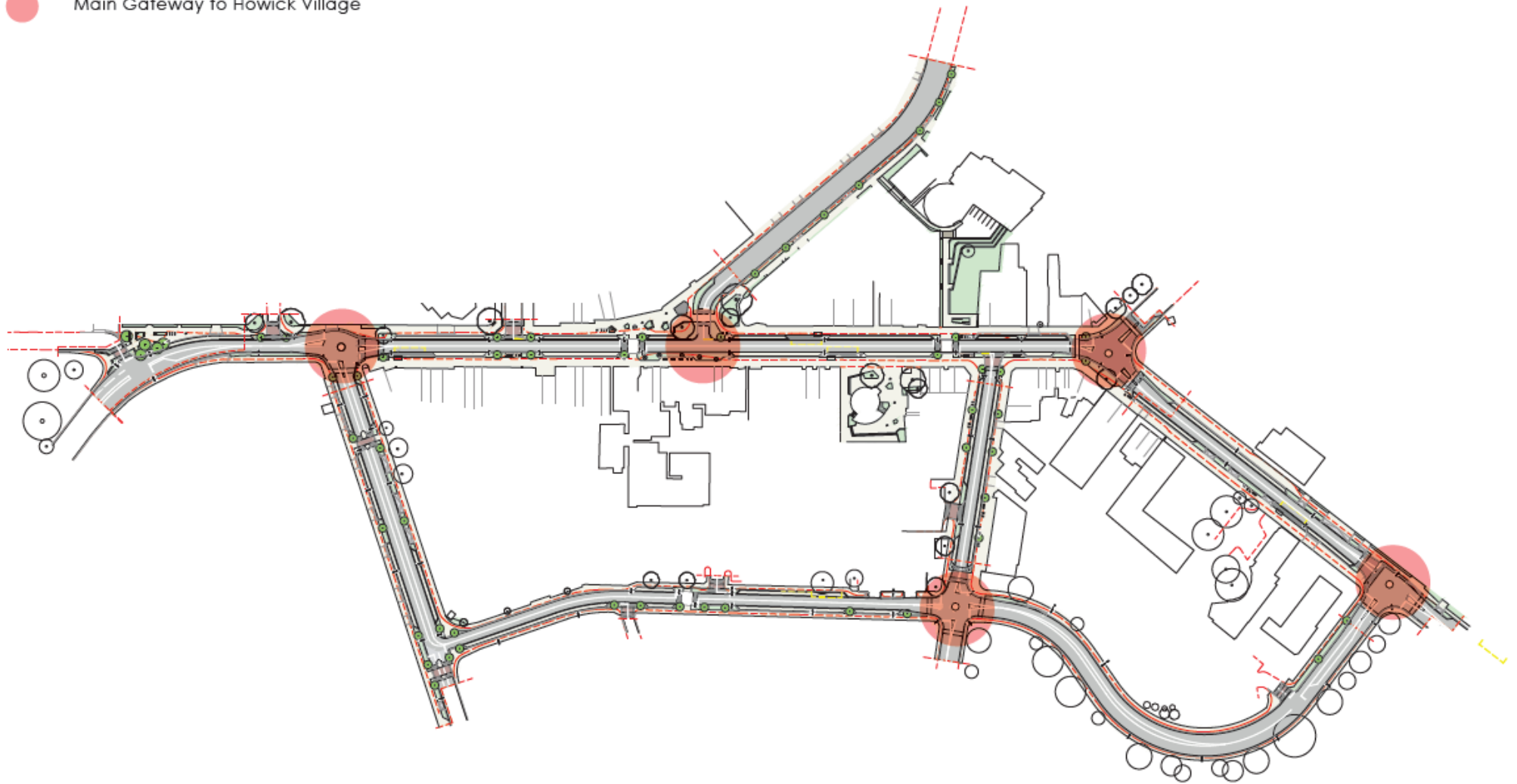
EAST SIDE  
(PARKHILL ROAD)

WEST SIDE  
(VILLAGE SQUARE)



LEGEND

● Main Gateway to Howick Village






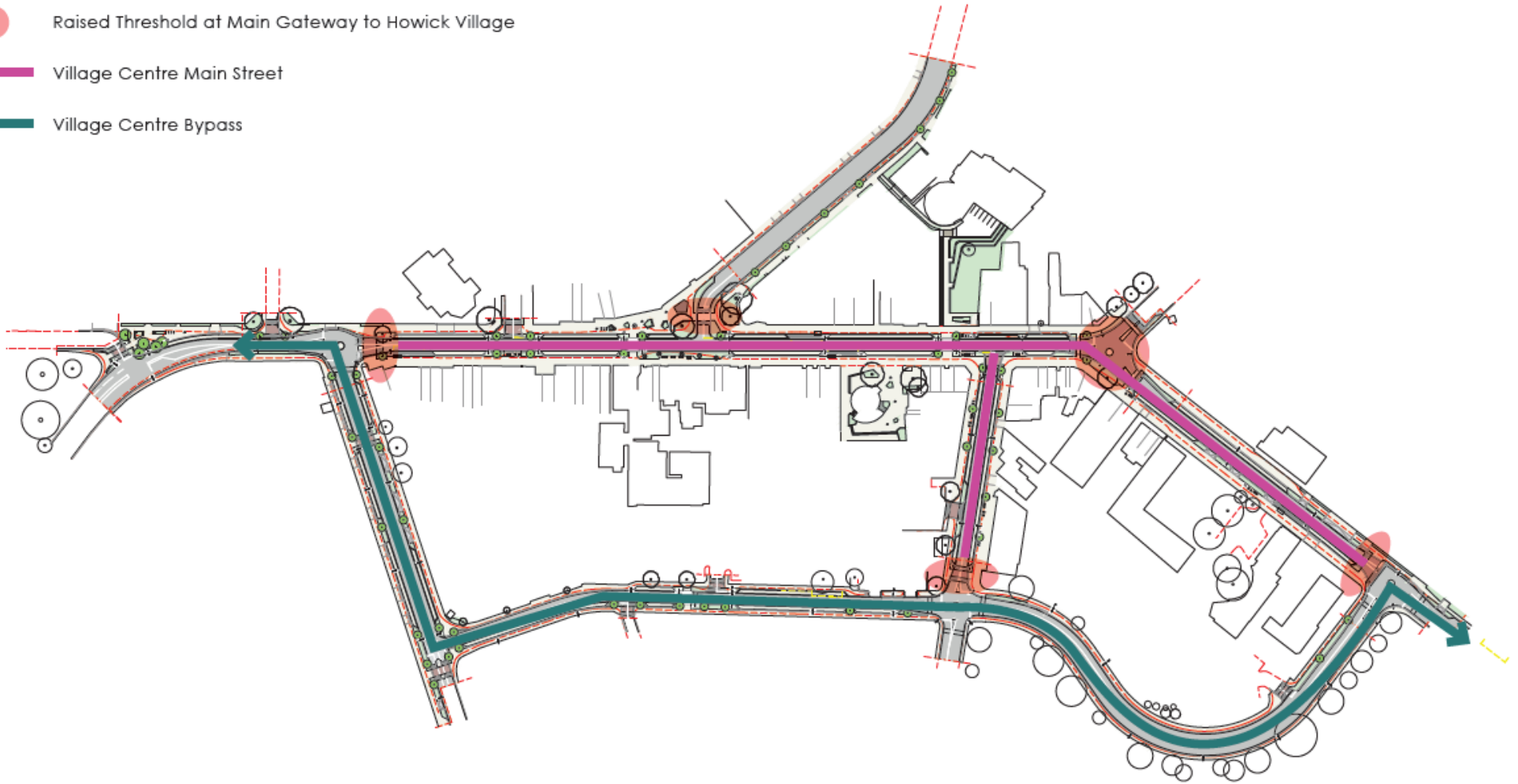
# DRAFT CONCEPT PLAN

## GATEWAY DESIGN

DRAFT

### LEGEND

-  Raised Threshold at Main Gateway to Howick Village
-  Village Centre Main Street
-  Village Centre Bypass





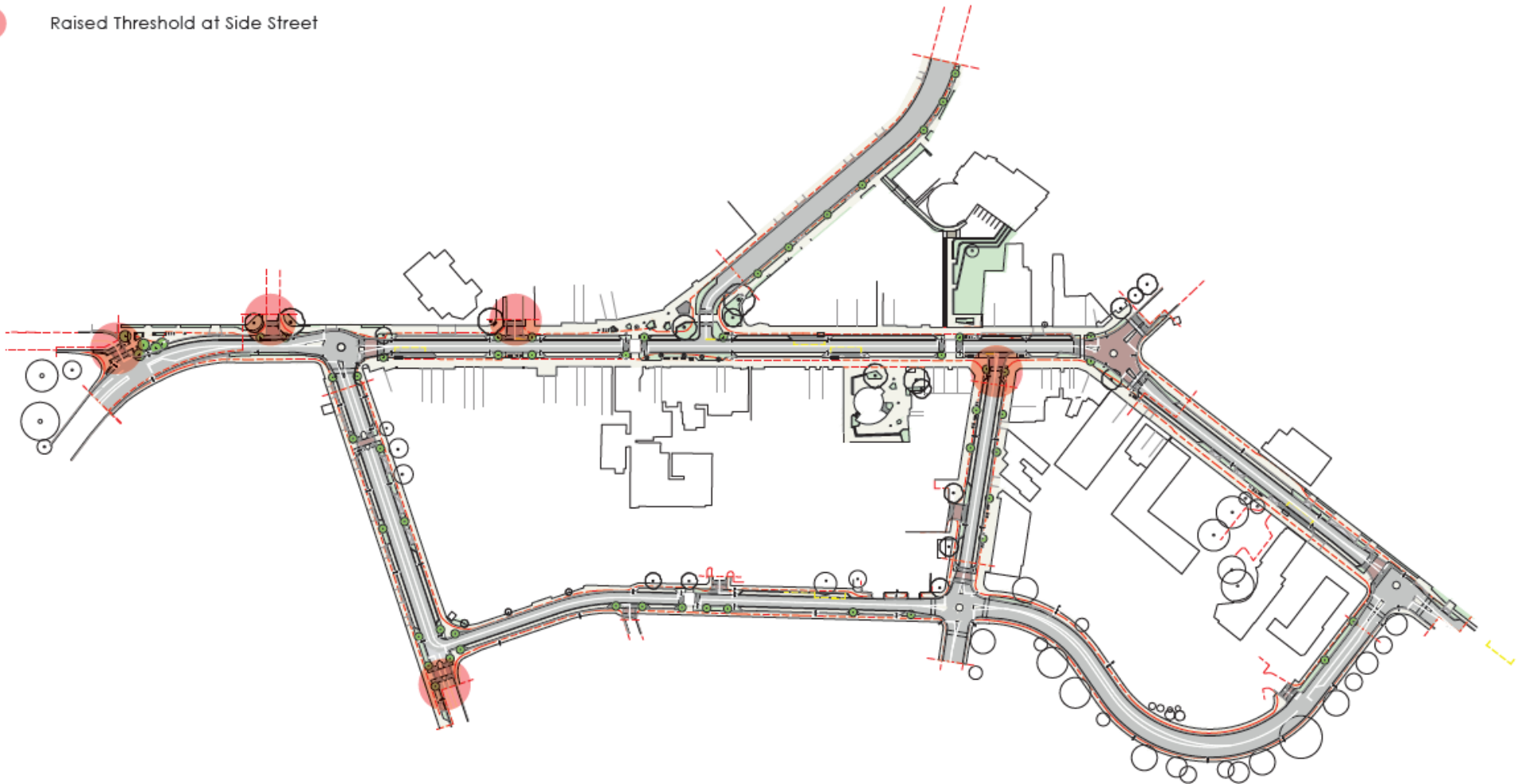
# DRAFT CONCEPT PLAN

## SIDE STREET INTERSECTION DESIGN

DRAFT

### LEGEND

 Raised Threshold at Side Street



# DRAFT CONCEPT PLAN

## STOCKDALE HILL





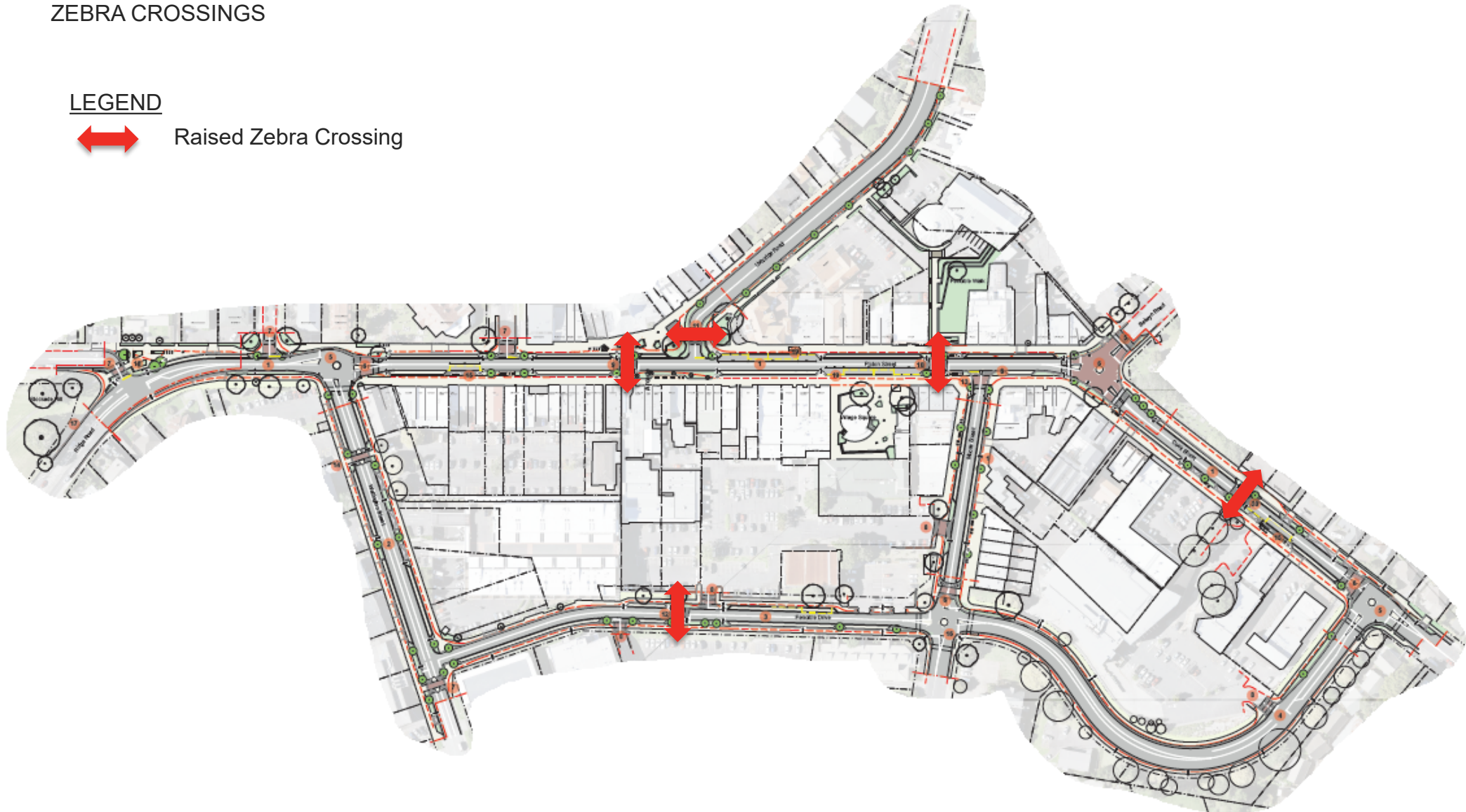


# DRAFT CONCEPT PLAN

## ZEBRA CROSSINGS

### LEGEND

 Raised Zebra Crossing







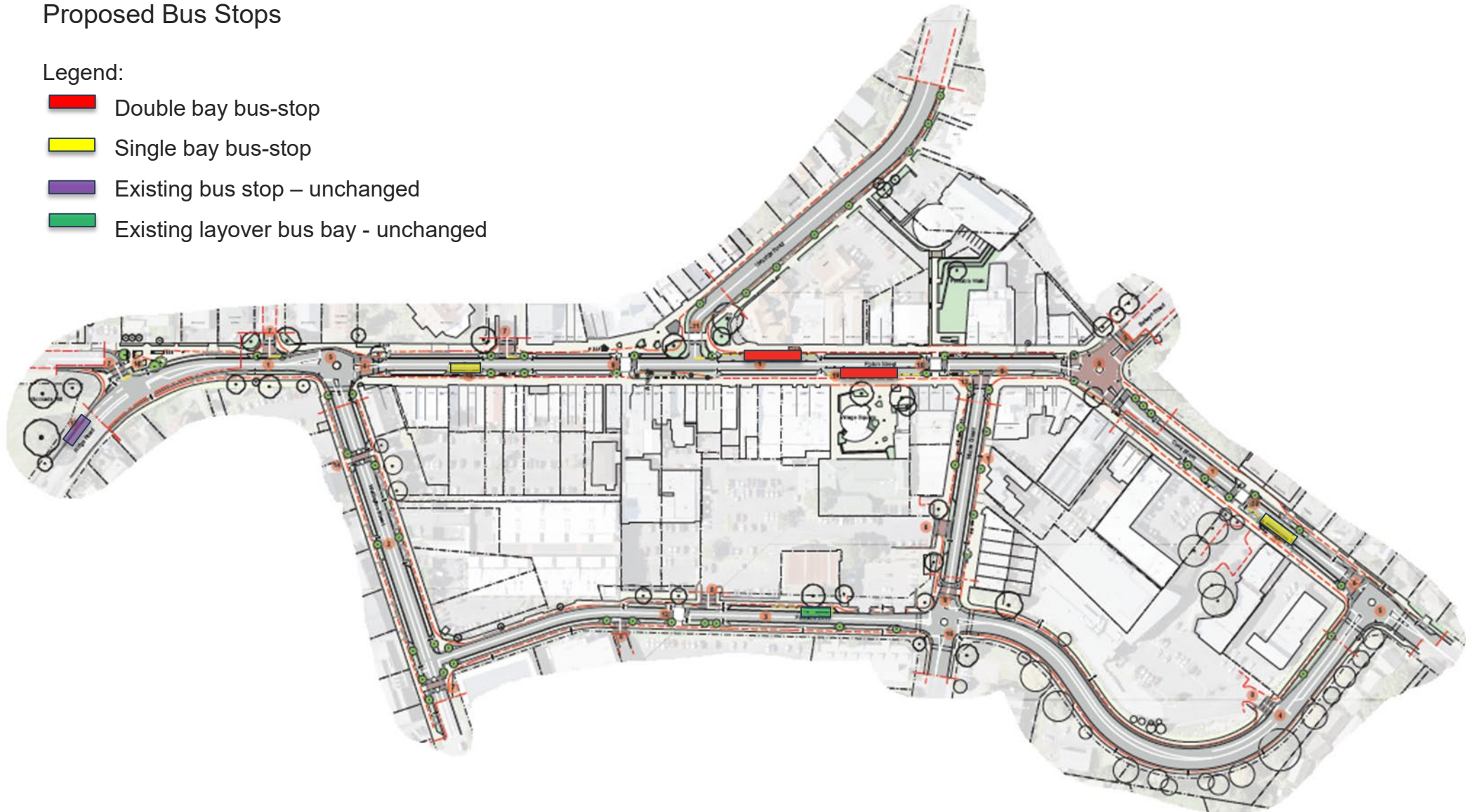


# Draft Concept Design

## Proposed Bus Stops

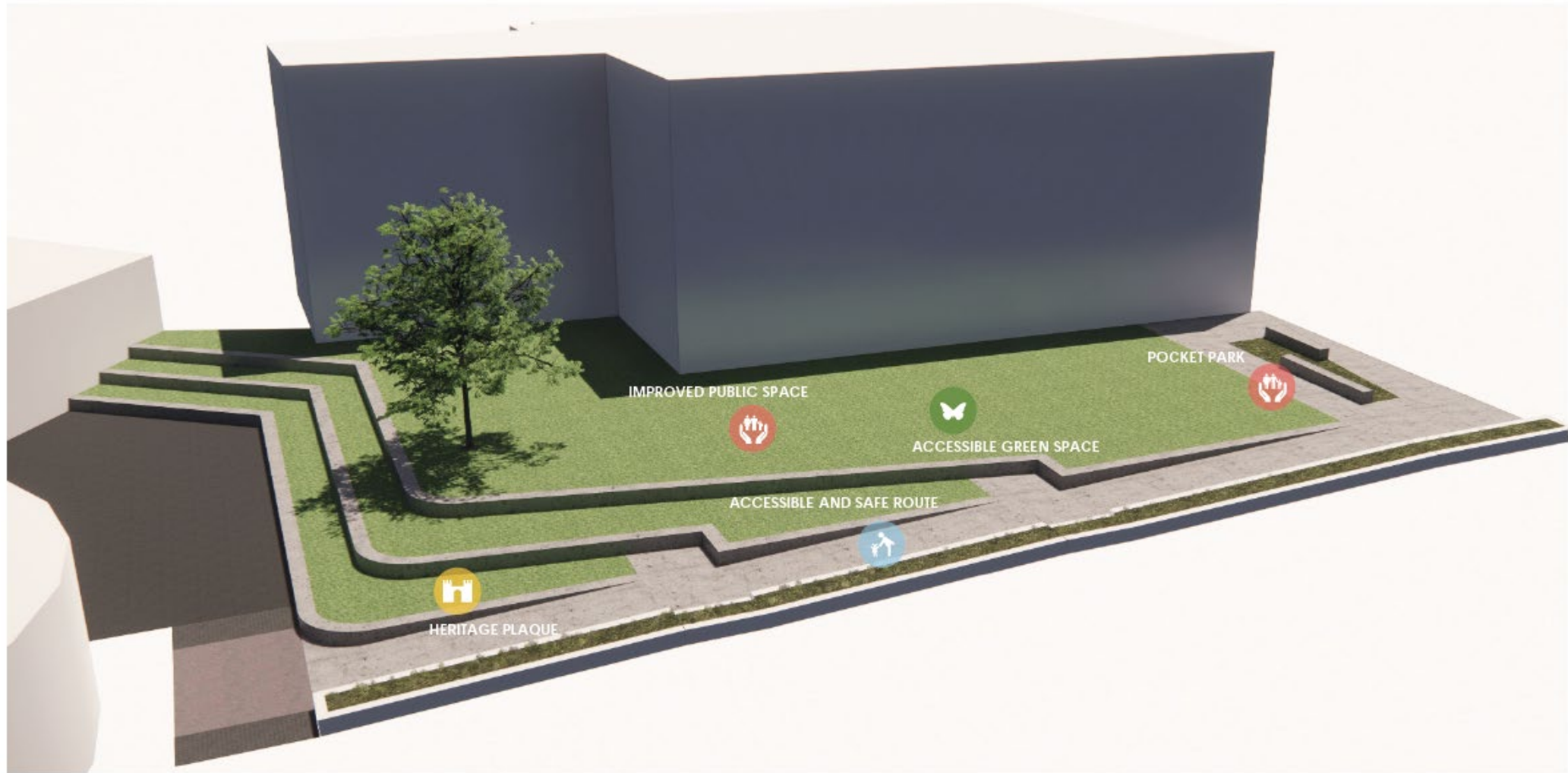
Legend:

-  Double bay bus-stop
-  Single bay bus-stop
-  Existing bus stop – unchanged
-  Existing layover bus bay - unchanged



# DRAFT CONCEPT PLAN

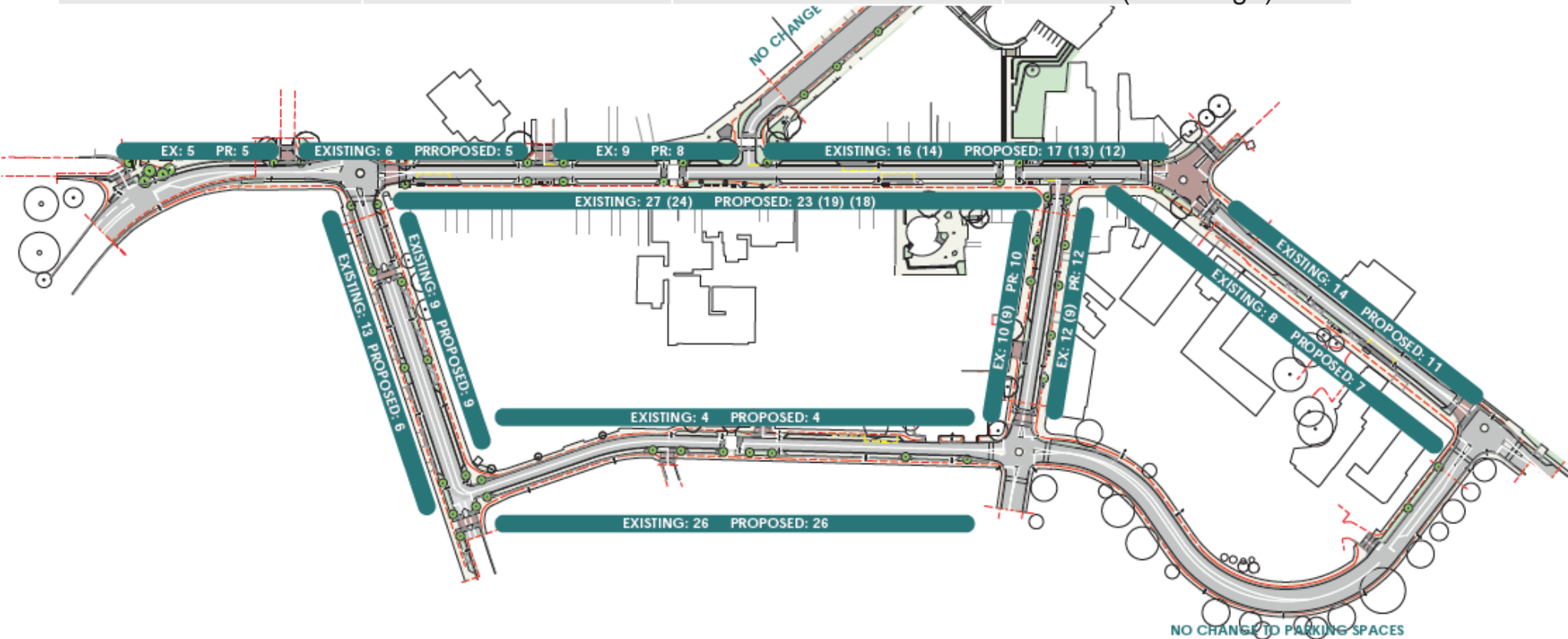
## FENCIBLE WALK



# Parking

Total figures for general car parking, accessible parking and loading bays

	Existing (based on 6m car park bay)	Existing to Code	Proposed (based on fully indented double bus bay stop)
Picton Street	83	80	66 (15% loss)
Moore Street	22	18	22 (11% gain)
Wellington Street	23	22	15 (30% loss)
Fencible Drive	30	30	30 (no change)

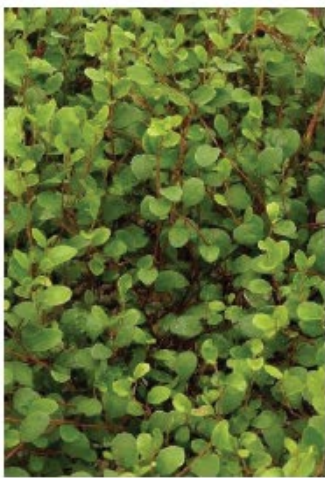


# PLANTING STRATEGY

- Native species - natural heritage
- Amenity planting
- Robust and maintainable
- Dry and Rain gardens



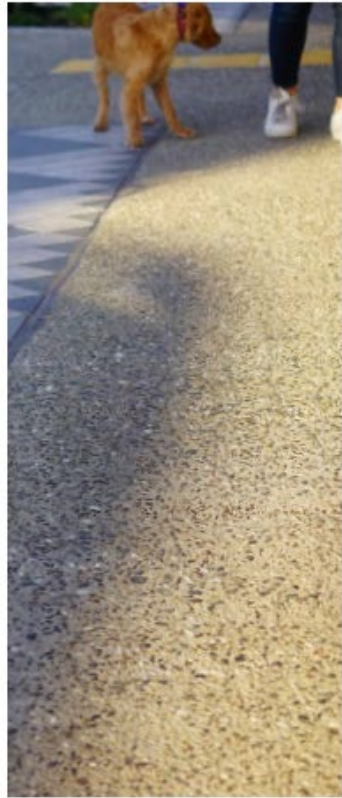
TREES  
NATIVE STREET TREES



AMENITY PLANTING  
ROBUST NATIVE PLANTS

# SURFACE MATERIAL STRATEGY

- Combination of insitu concrete and natural stone pavers on rigid base
- Decorative paving / plague to celebrate heritage and culture
- Accessible tree pit grille



FOOTPATH

DECORATIVE EXPOSED  
AGGREGATE CONCRETE

OUTDOOR DINING AREA

NATURAL STONE PAVING

HERITAGE PLAQUE

ENGRAVED STONE OR GRAPHIC  
CONCRETE

RAISED TABLE RAMPS

NATURAL STONE SETTS AT

GATEWAY RAISED TABLE SURFACE

CONCRETE

STEEL TREE GRATE



DRAFT

# STREET FURNITURE STRATEGY

- A modern, robust and elegant furniture



SEATS



BINS



BIKE STAND



OUTDOOR DINING FURNITURE

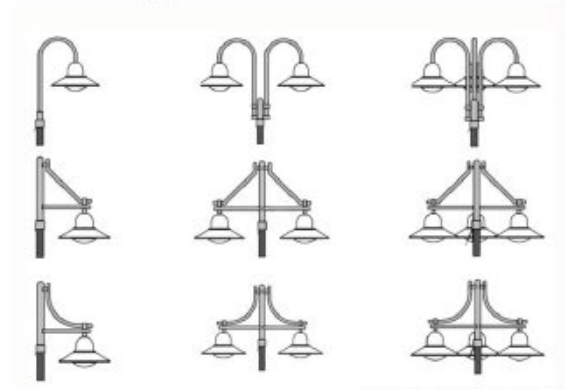


# LIGHTING STRATEGY

- Urban heritage style
- AT approved pole and luminaries (Luminaire approval process in progress)



EXISTING STREET LIGHT



PROPOSED STREET LIGHT STYLE



# LOCAL BOARD PROJECT OBJECTIVES

## DESIGN STRATEGIES AND OPPORTUNITIES



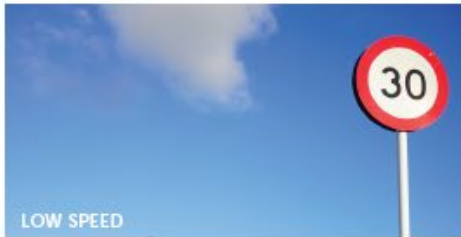
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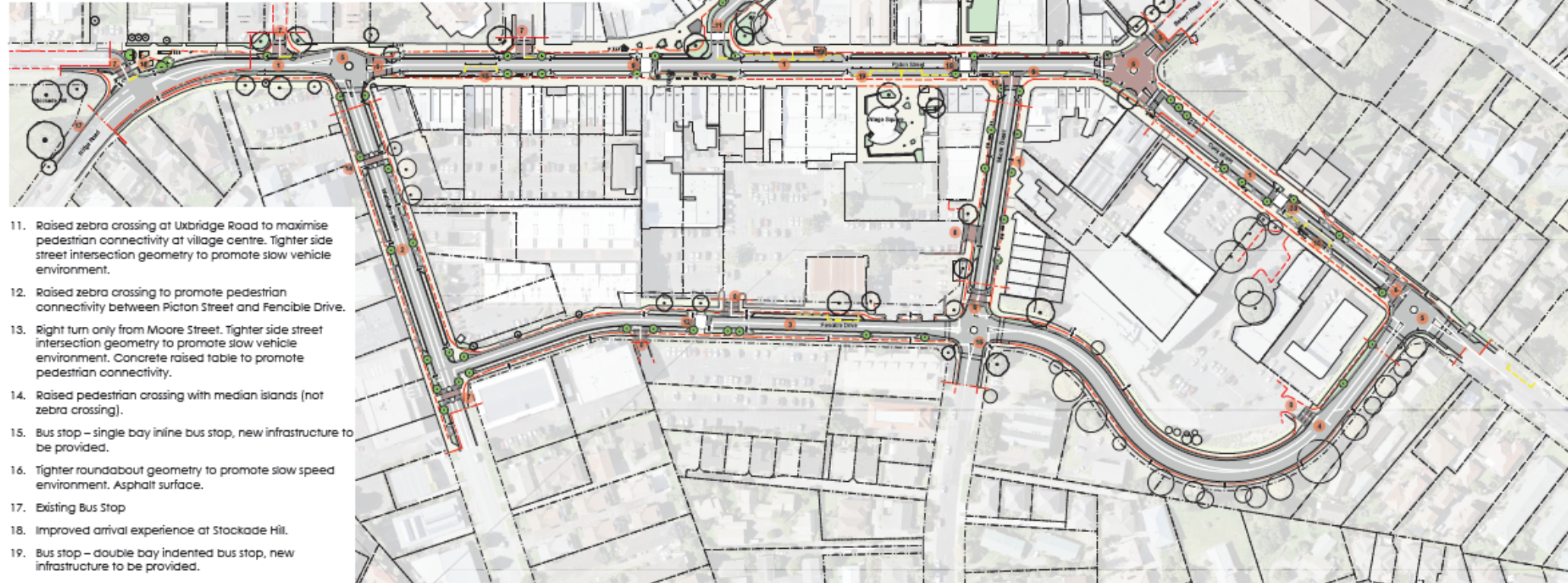


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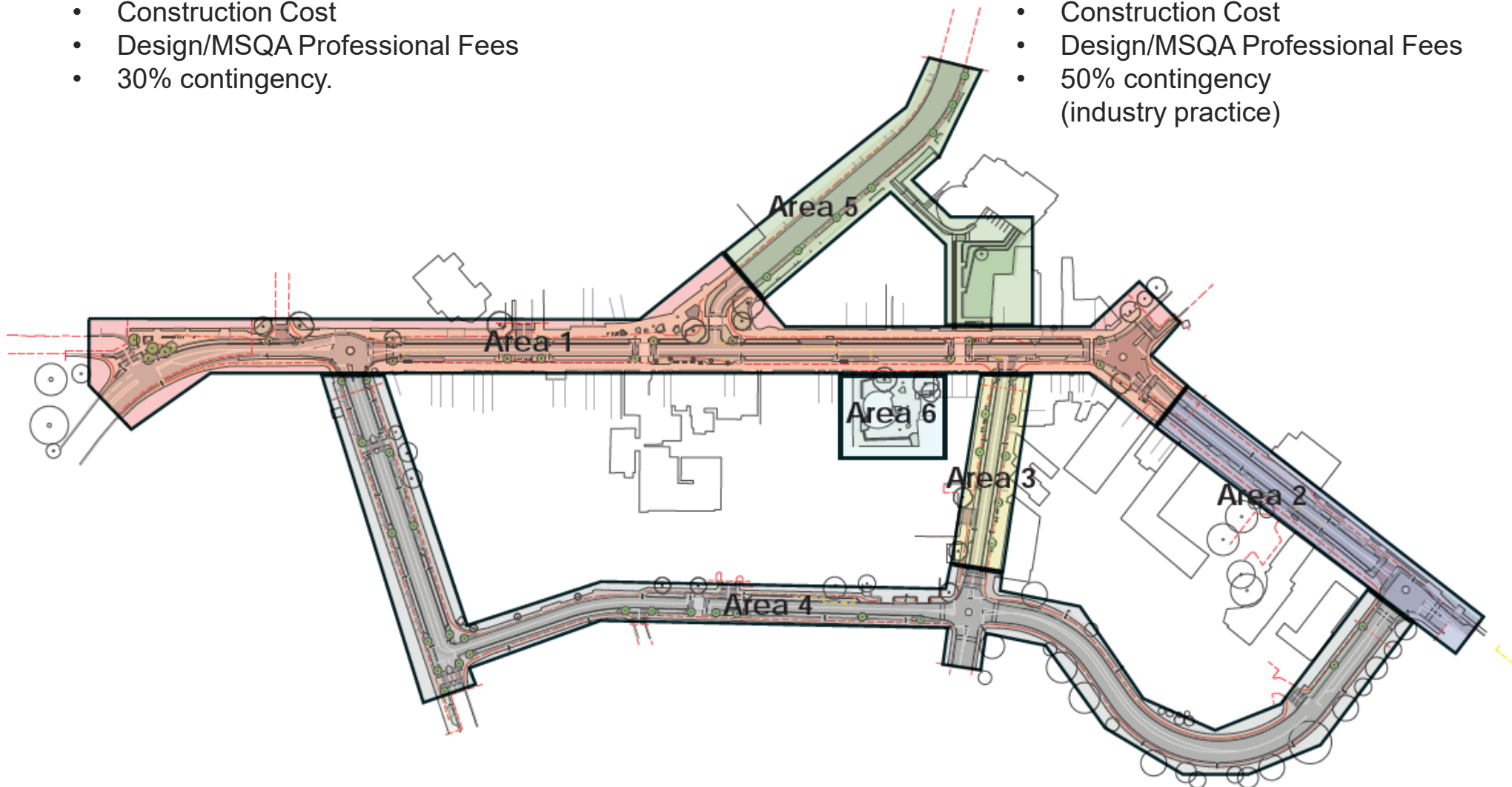
## Draft Cost Estimate

The total estimated cost is \$41.8M including:

- Site survey
- Construction Cost
- Design/MSQA Professional Fees
- 30% contingency.

The total estimated cost is \$50.7M including:

- Site survey
- Construction Cost
- Design/MSQA Professional Fees
- 50% contingency (industry practice)



# Next Steps

- Local Board Transport Capital Fund budget – Matthew to discuss
- Concept design cost estimate
- Next steps

# Thank you.

