

SHENLEY PARK

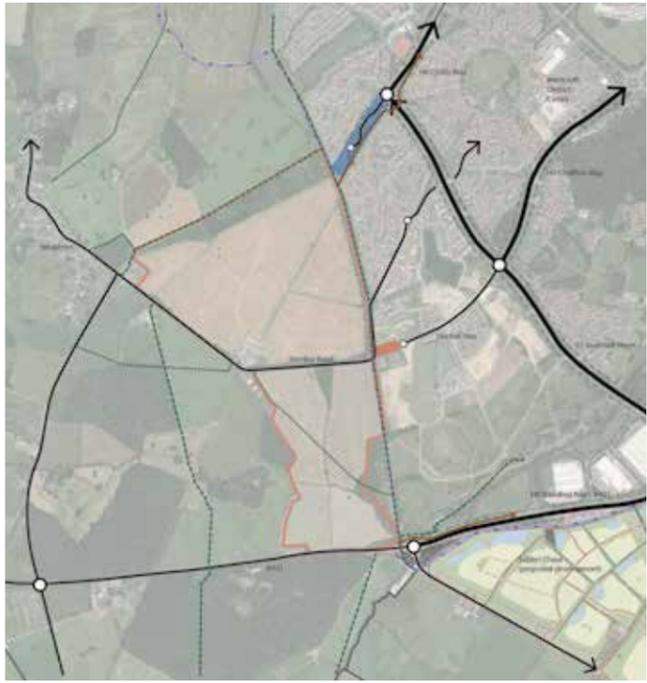
Annex 5

Connectivity Scenarios - Emerging Thinking

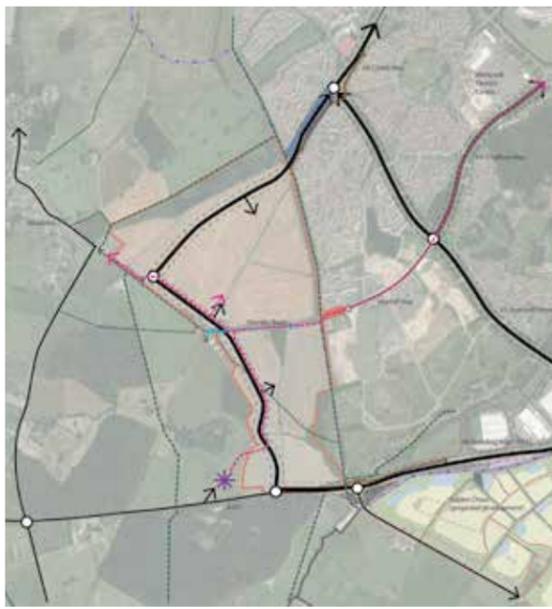
September 2022

Shenley Park - Potential Connectivity Scenarios

EXISTING NETWORK



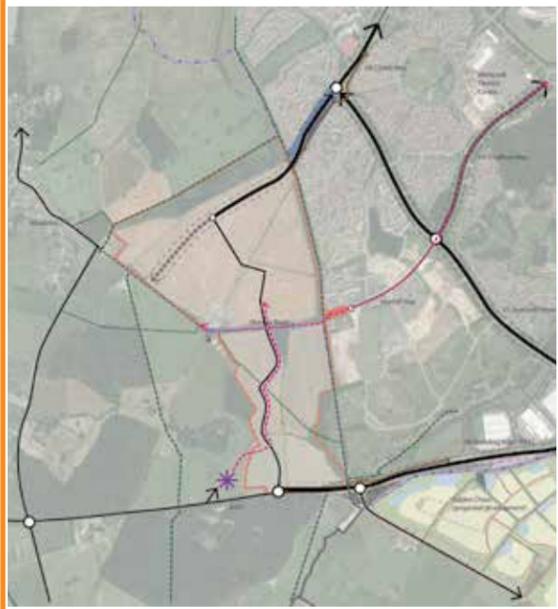
STRATEGIC LINK LINK ROAD FUNCTION SLIDING SCALE LOCAL LINK PT LINK ONLY



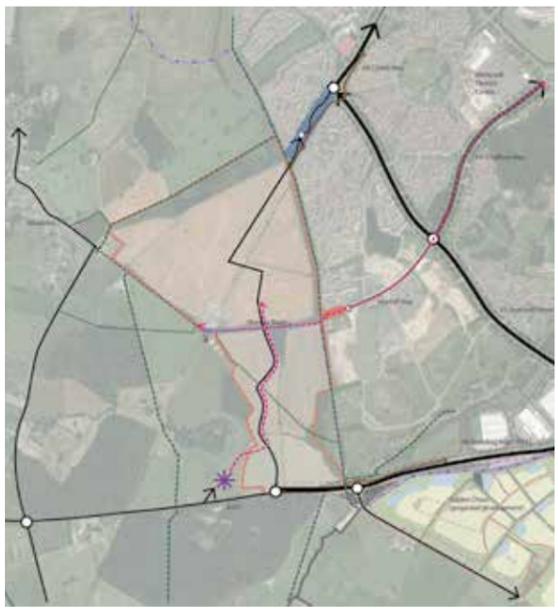
SCENARIO 1
STRATEGIC LINK



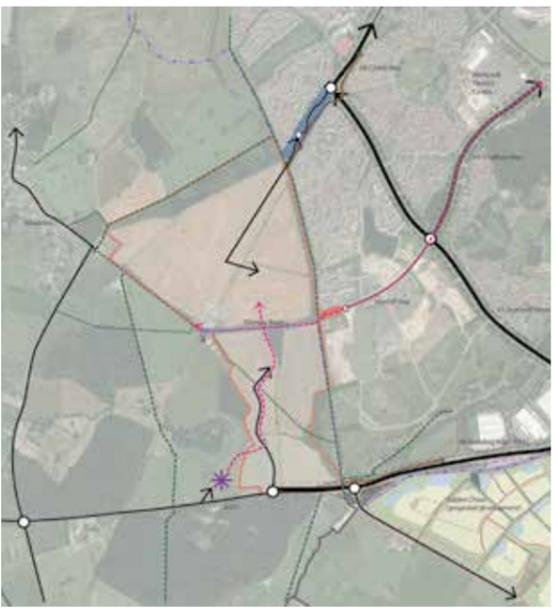
SCENARIO 2
OUTER ROUTE WITH STRATEGIC LINK CORRIDOR TO NORTH



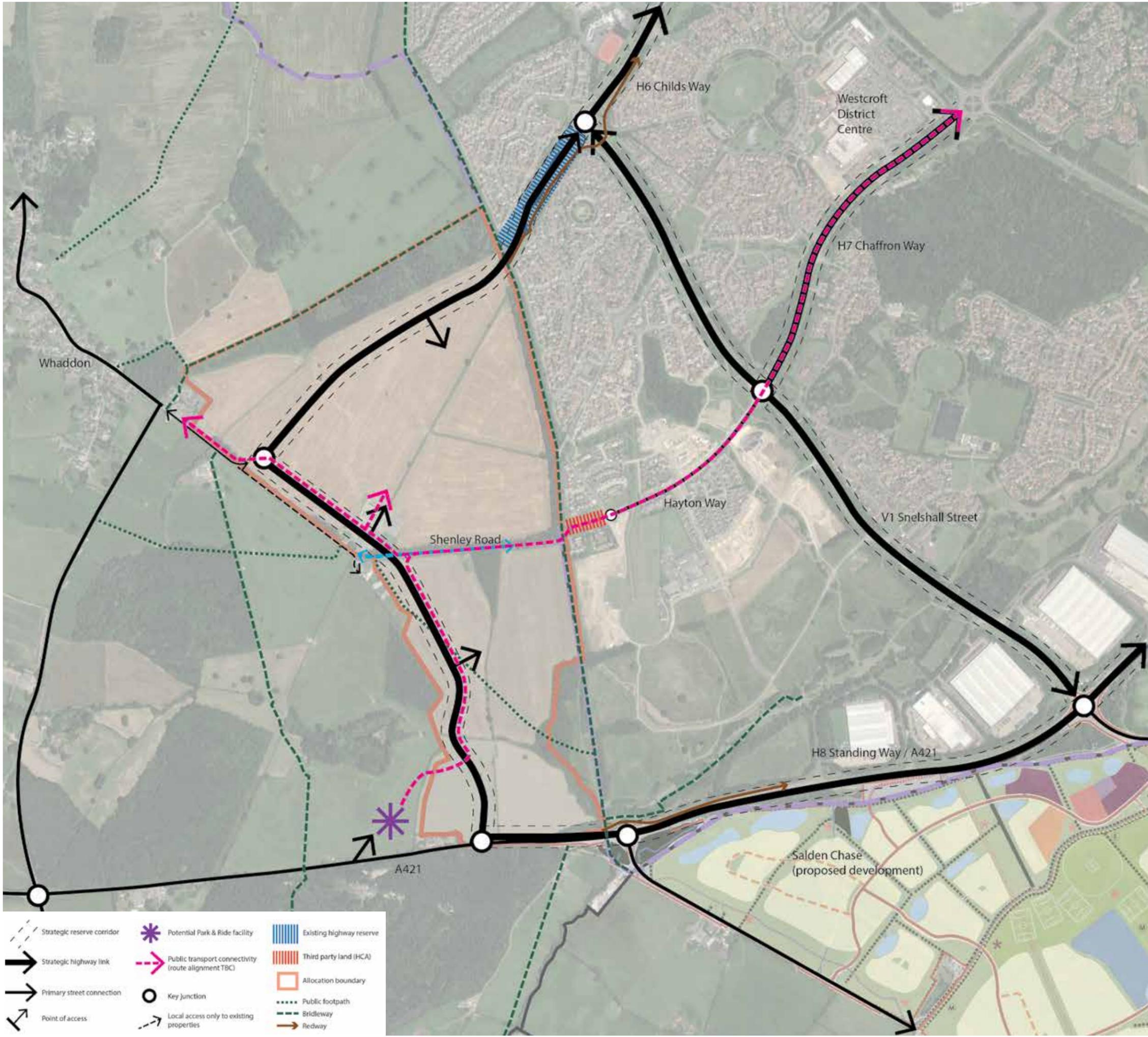
SCENARIO 3
INNER STREET WITH A 60M GRID CORRIDOR CONNECTION TO NORTH



SCENARIO 4
INNER STREET



SCENARIO 5
SEVERED INNER STREET - ONLY PUBLIC TRANSPORT CONNECTIVITY ACROSS SHENLEY ROAD



STRATEGIC LINK OPTION

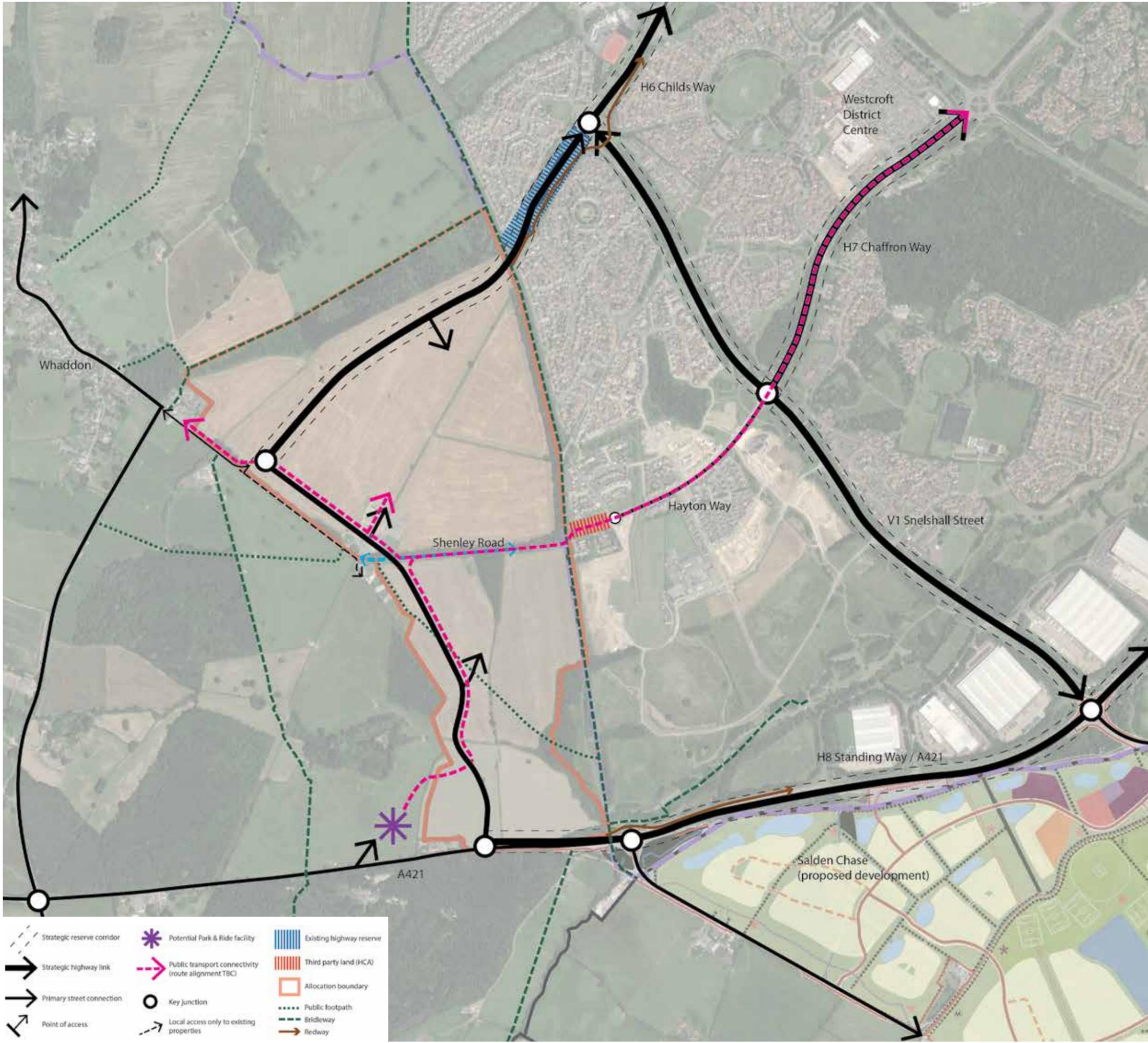
- Ability to accommodate A421 improvements west of Bottledump roundabout
- P&R PT link into site safeguarded/facilitated
- Conversion of H6 to grid standard east of site to Whitney Roundabout H6/V1)
- H6 grid road extension around periphery of site linking H6 to A421 (60m reserve, 60mph, high capacity, grade separated crossings)
- Access into development areas via limited no. of T junctions (as per adjacent grid squares)
- PT priority along link road and/or through site via downgraded Shenley Road to H7

	Strategic reserve corridor		Potential Park & Ride facility		Existing highway reserve
	Strategic highway link		Public transport connectivity (route alignment TBC)		Third party land (HCA)
	Primary street connection		Key junction		Allocation boundary
	Point of access		Public footpath		Bridleway
			Local access only to existing properties		Redway

Applicable precedent:

OUTER ROUTE WITH STRATEGIC LINK & CORRIDOR TO NORTH

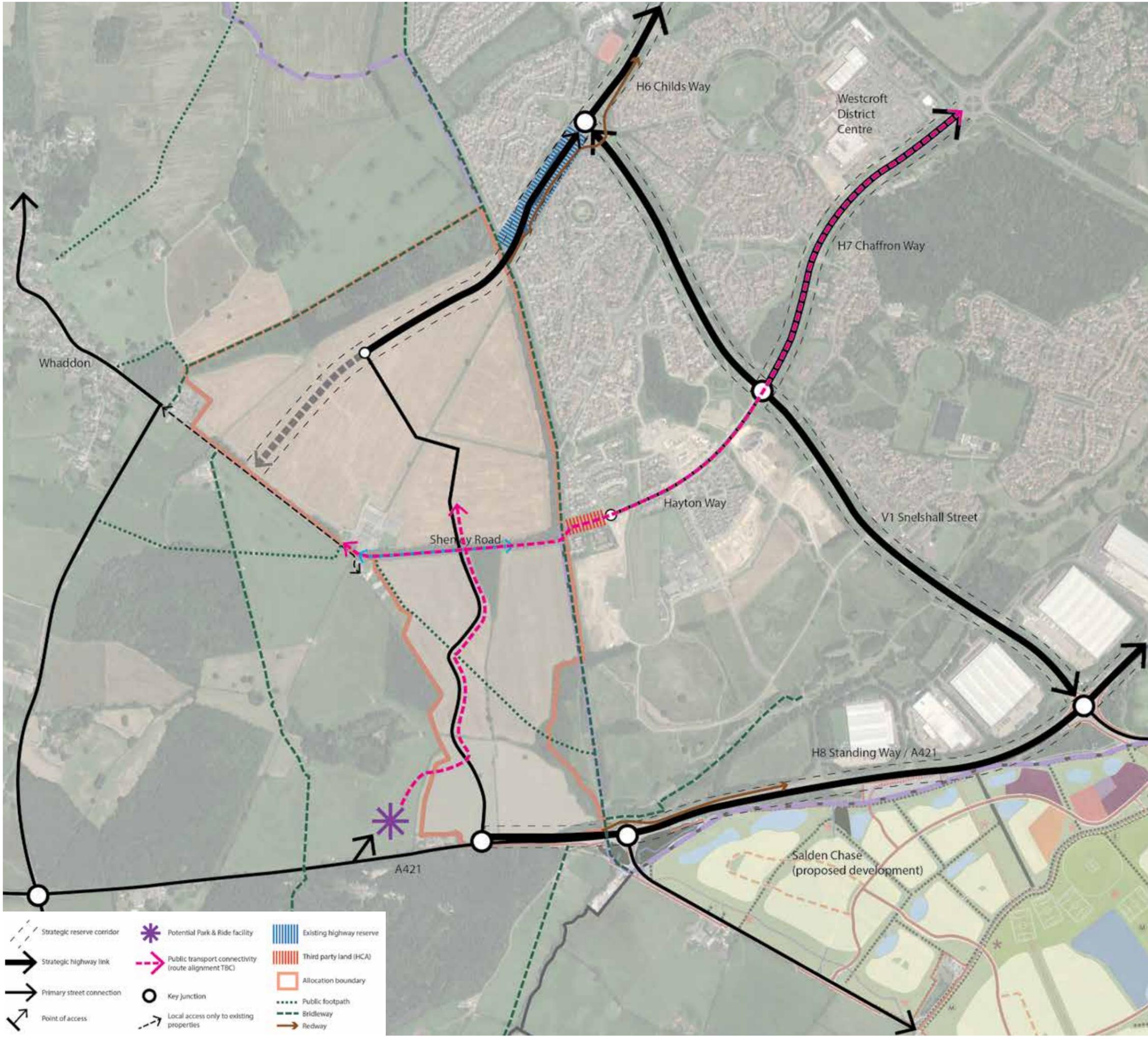
- Ability to accommodate A421 improvements west of Bottledump roundabout
- P&R PT link into site safeguarded/facilitated
- Conversion of H6 to grid standard east of site to Whitney Roundabout H6/V1)
- H6 grid road extension along northern extent of the site (60m reserve, 60mph, high capacity)
- North-south peripheral link 'outer ring road (cf. NW Bicester), 40m corridor width, at-grade crossings/light controlled jcn
- Access into site via limited no. of T junctions
- PT priority along link road and/or through site via downgraded Shenley Road to H7



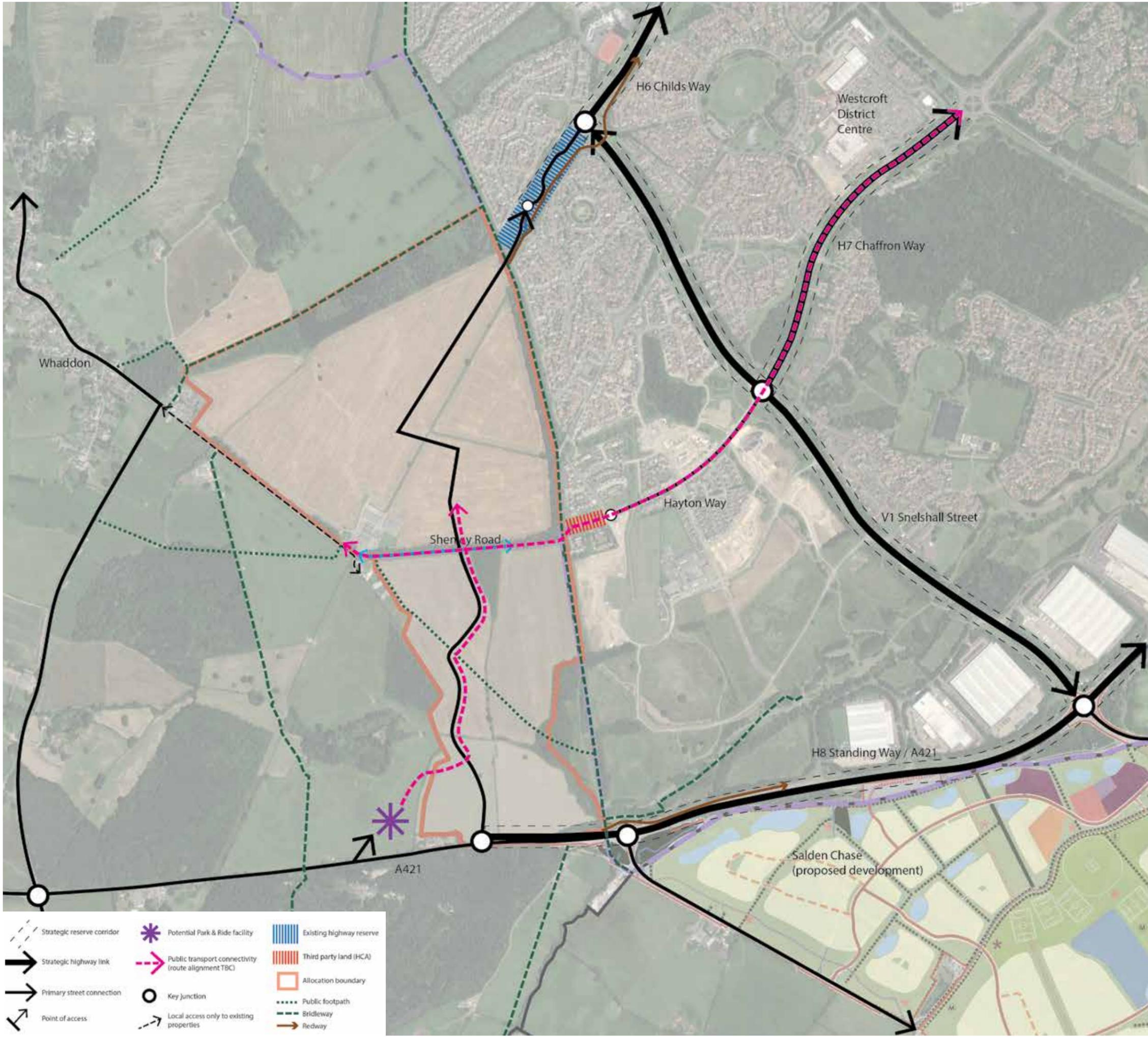
Applicable precedent:

INNER STREET WITH GRID CONNECTION & RESERVE TO NORTH

- Ability to accommodate A421 improvements west of Bottledump roundabout
- P&R PT link into site safeguarded/facilitated
- H6 corridor extended west into site, with safeguarded strategic reserve corridor west of junction with internal primary street [NB Flex around nature of the highway within the grid corridor]
- Internal primary street connection A421 to H6 extension, through development
- PT priority through site via downgraded Shenley Road to H7



Applicable precedent:



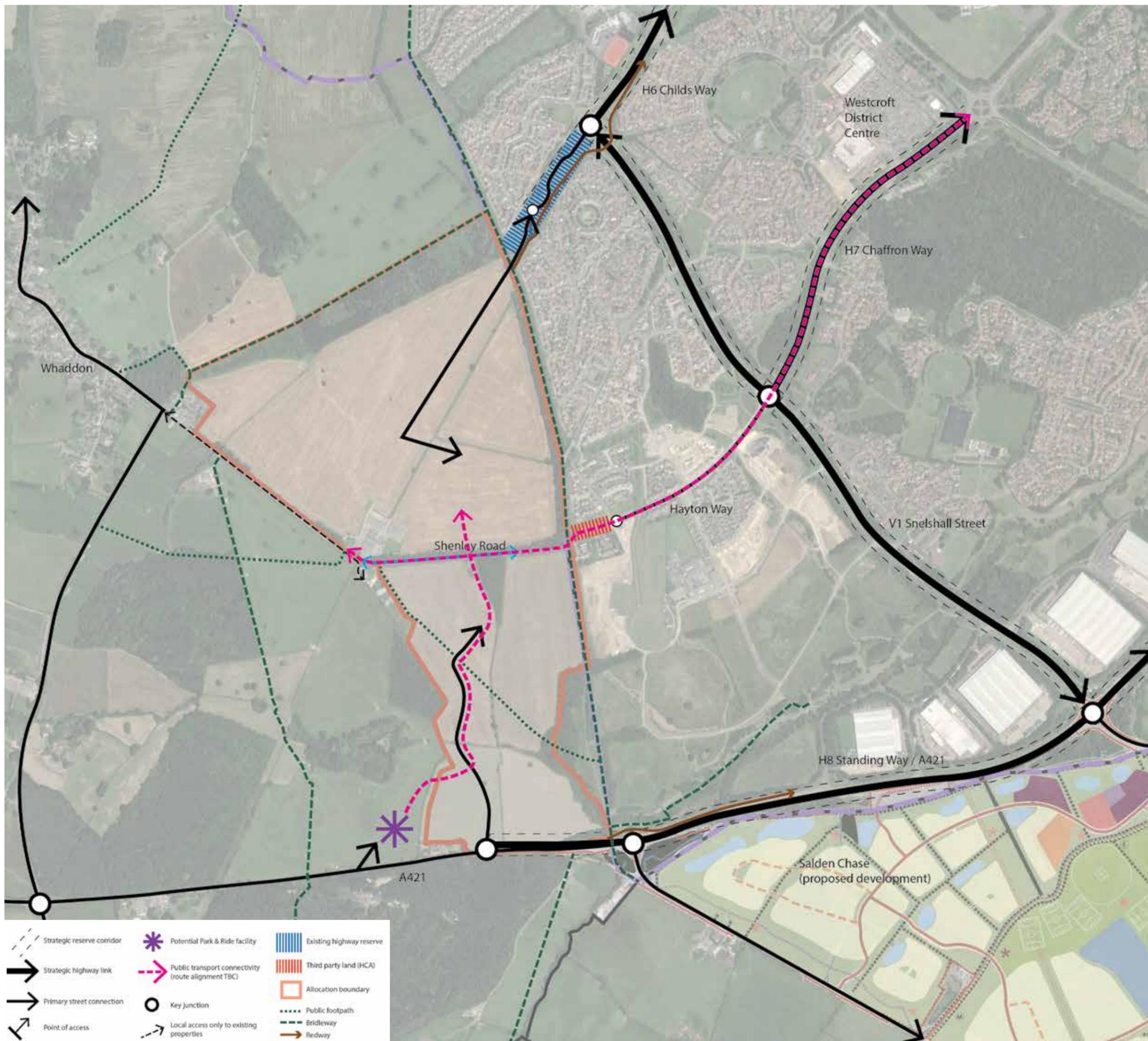
INNER STREET (NO GRID RESERVE/ EXTENSION)

- Ability to accommodate A421 improvements west of Bottledump roundabout
- P&R PT link into site safeguarded/ facilitated
- No grid extension; continuation of primary street connection from H6 Whitney Roundabout west into site.
- Internal primary street connection through development to A421
- PT priority along primary street and via downgraded Shenley Road to H7

Applicable precedent: 

SEVERED INNER STREET - PUBLIC TRANSPORT-ONLY CONNECTION ACROSS SHENLEY ROAD

- Ability to accommodate A421 improvements west of Bottledump roundabout
- P&R and priority PT link into and through site prioritised and delivered
- No grid extension; continuation of primary street connection from H6 Whitney Roundabout west into site to serve development north of Shenley Road.
- Internal primary street connection from A421 to serve development south of Shenley Road
- PT priority along primary street and via downgraded Shenley Road to H7



Applicable precedent:



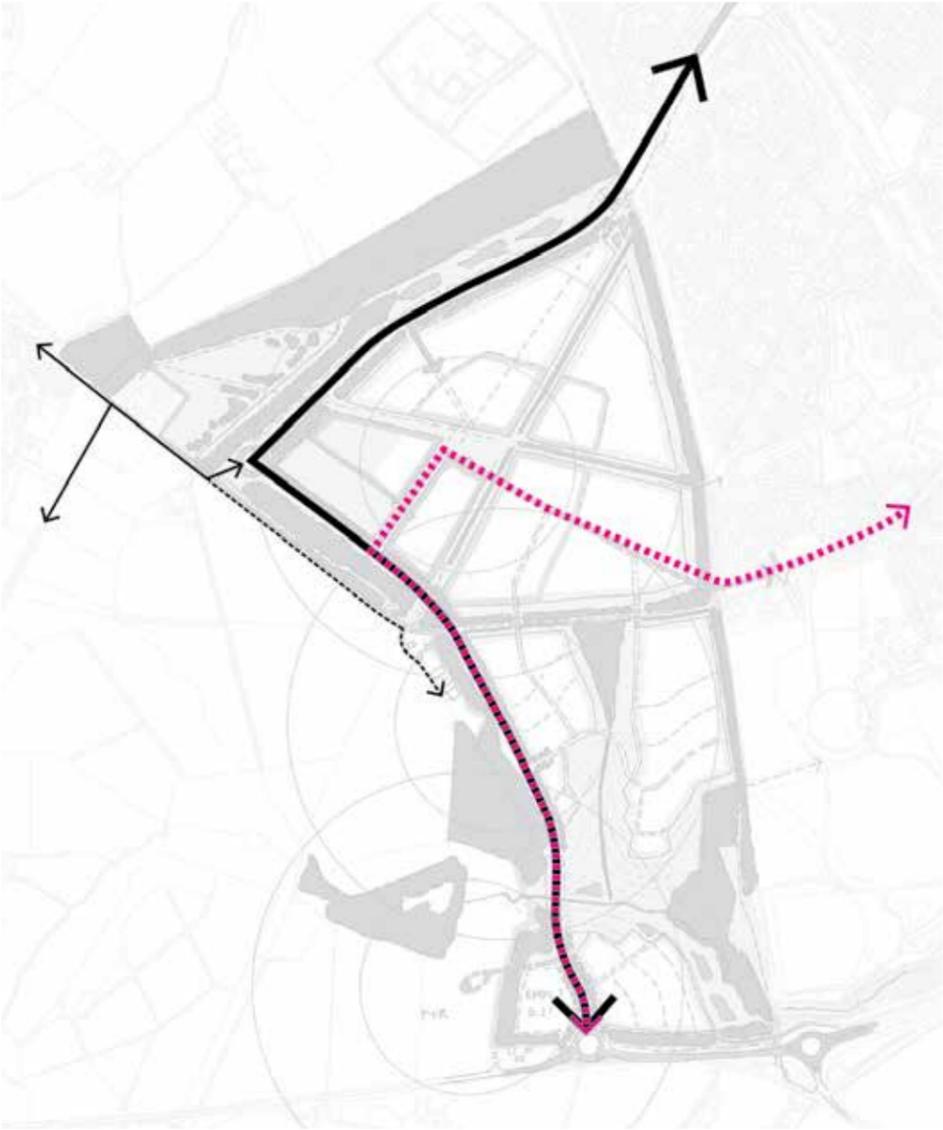
Outer Link Scenario

Potential Connectivity to Whaddon village

- Primary Shenley Park vehicular link
- Vehicular connectivity
- Local access only
- Public transport



NO CONNECTIVITY TO WHADDON



DIRECT CONNECTIVITY TO WHADDON

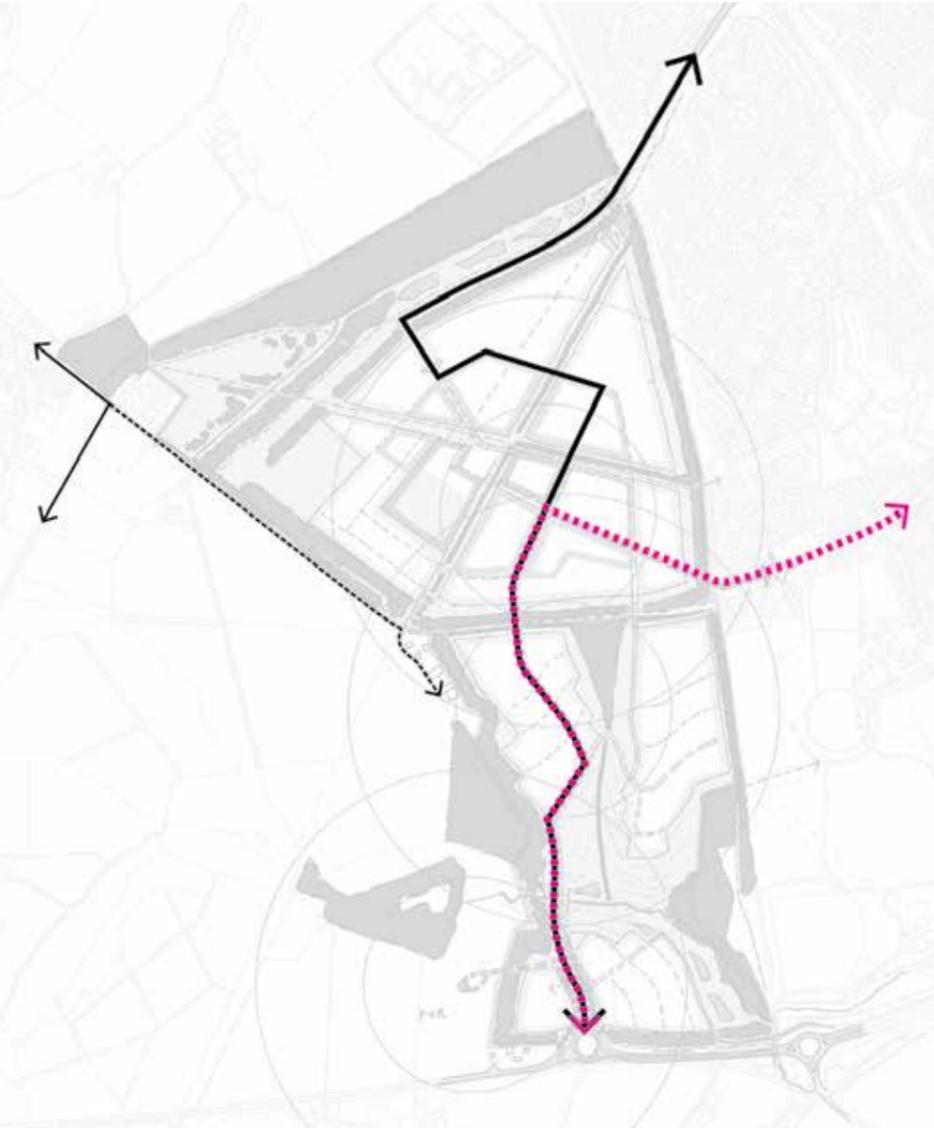


INDIRECT CONNECTIVITY TO WHADDON

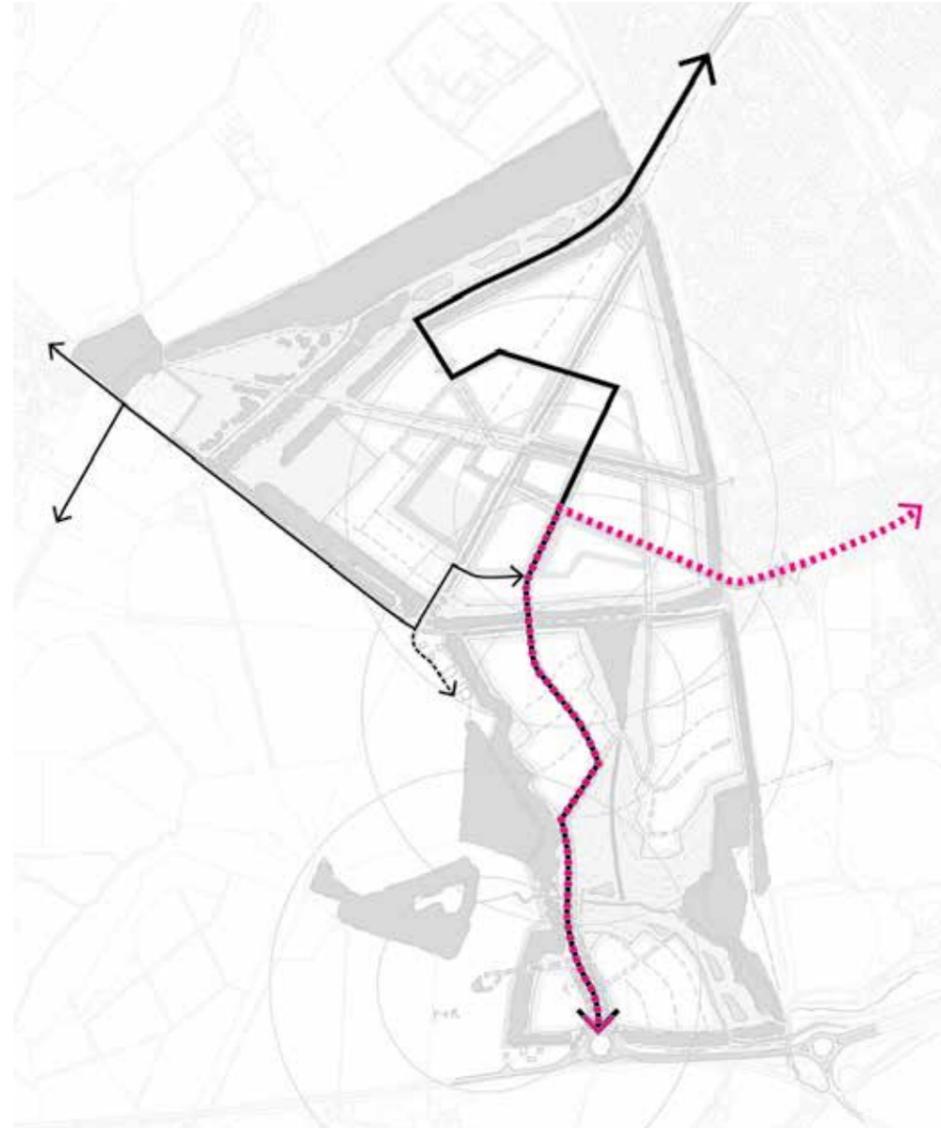
Inner Street Scenario

Potential Connectivity to Whaddon village

- Primary Shenley Park vehicular link
- Vehicular connectivity
- Local access only
- Public transport



NO CONNECTIVITY TO WHADDON



INDIRECT CONNECTIVITY TO WHADDON