

Daws Hill Reference Group RAF Daws Hill Development Transport Assessment Scope

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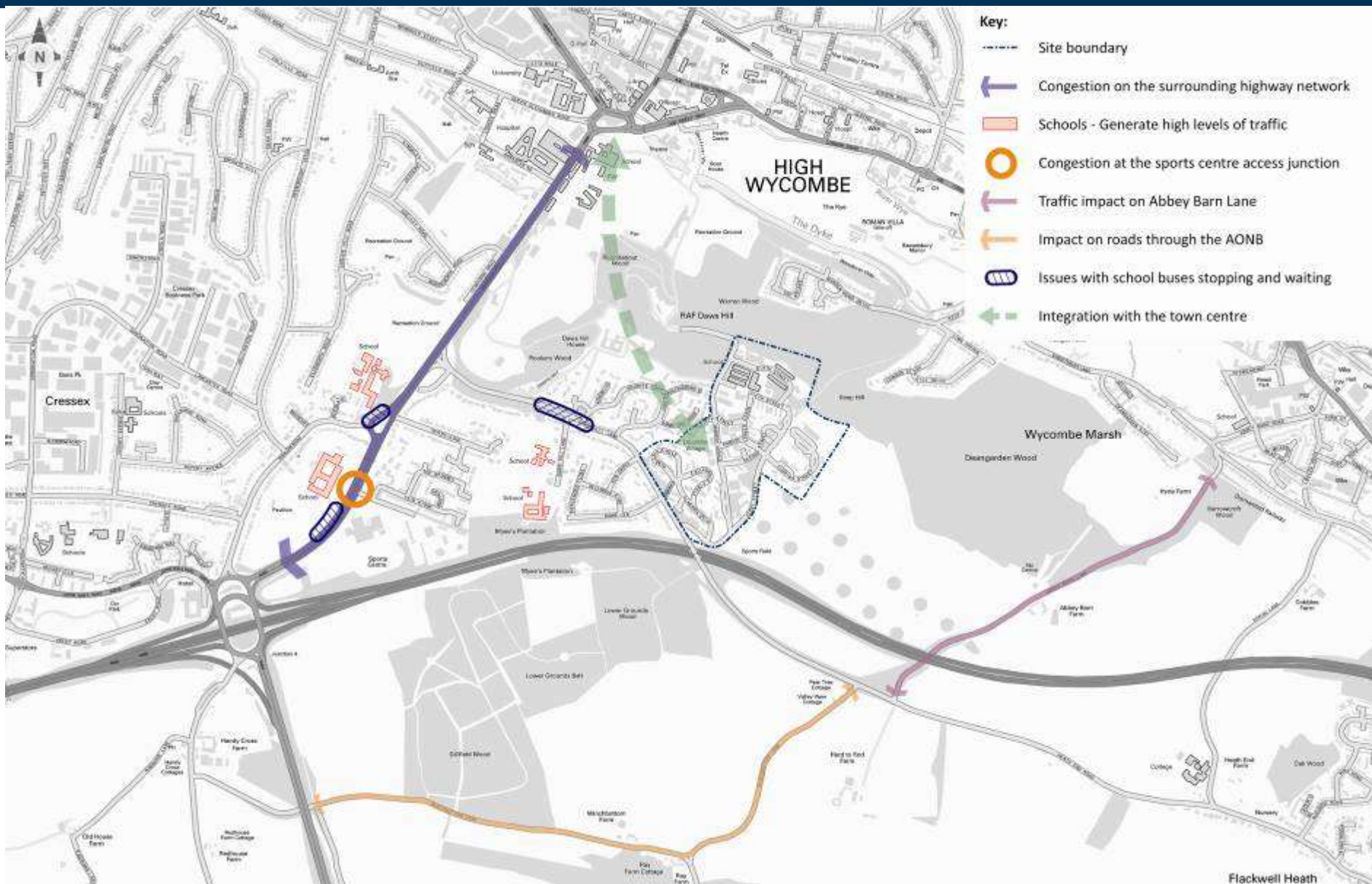


- Principle of development at RAF Daws Hill established
- Residential led mixed use c. 550 homes proposed
- Need to develop a transport and development strategy that:
 - Takes account of local transport challenges
 - Integrates the site into the local and wider area
 - Improves accessibility by bus, walking and cycling
 - Enhances rights of way
 - Mitigates residual traffic impact
 - *Could* be expanded into Abbey Barn South
- Need to also agree scope with Bucks County Council as transport authority, and Highways Agency as trunk road network manager

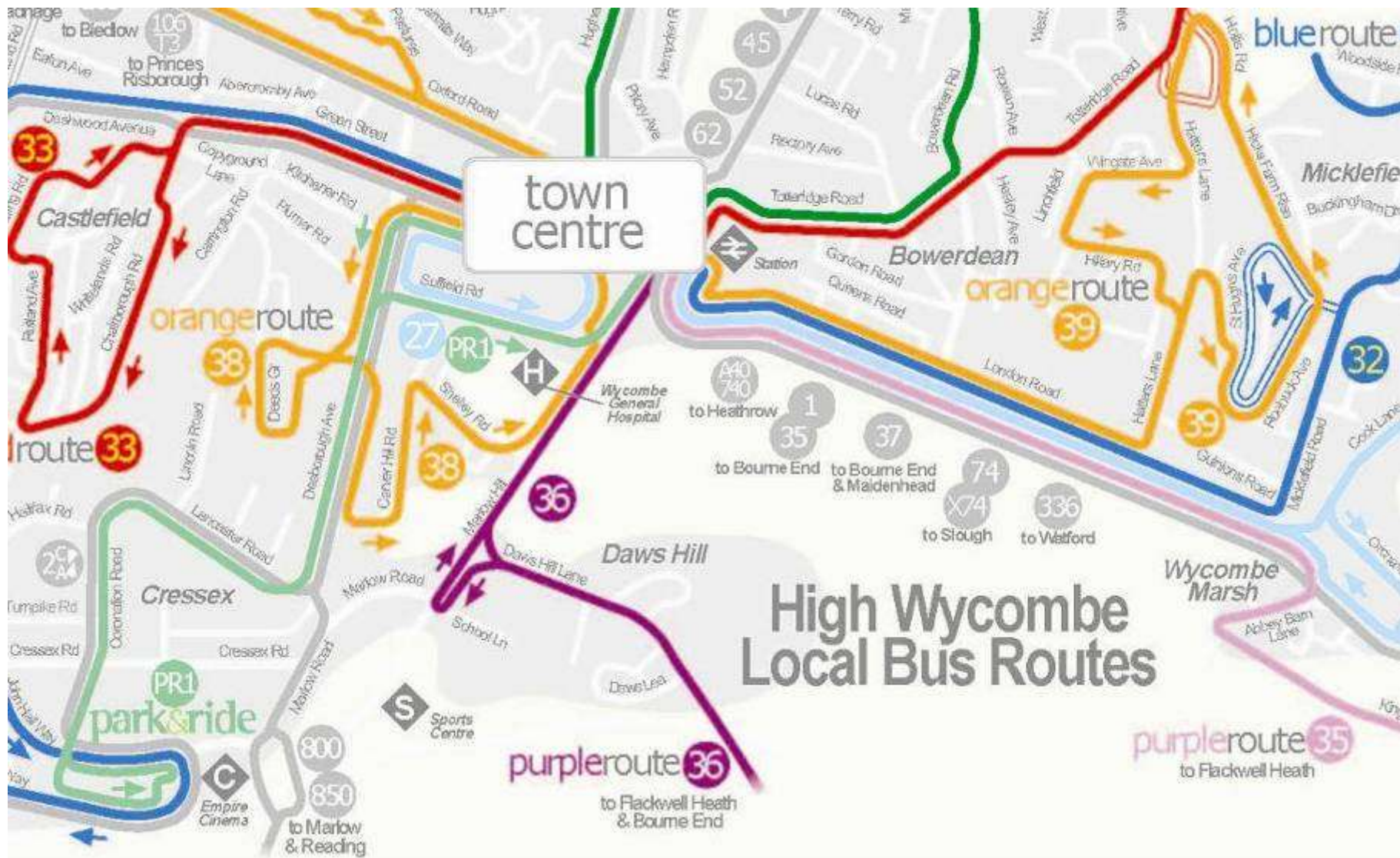
Concerns and Issues Raised

- Road system: congested at peak periods
- Schools particularly generate lots of traffic
- Sports centre junction with Marlow Hill very congested
- Impact on roads through the AONB – don't want to see Winchbottom Lane widened and don't like the southern link road idea that was proposed some time ago
- Traffic impact on Abbey Barn Road
- Bus services - could a shuttle bus service be provided ?
- Development will have an impact on infrastructure including roads, health, and education.
- The development needs to be part of High Wycombe not an isolated community
- If facilities are included with the development this will reduce the need to travel
- Need to develop a community with community facilities on the site
- Impact of construction traffic – how can this be managed ?
- Need to have regard to other developments planned in the area – e.g. sports centre site
- Need for local shops, doctor's surgery and a dentist

Concerns and Issues Raised



Public Transport Access



School Bus Services



Operator name	Bus No	Description
Cape Coaches Ltd	333	Speen - Wycombe
Carousel Buses Ltd	21A	Aylesbury - Cressex Community School - Marlow Hill - St Bernards School
Carousel Buses Ltd	643	Stokenchurch - Marlow Hill - St Bernards School
Carousel Buses Ltd	651	Ibstone - Marlow Hill
Carousel Buses Ltd	655	Cadmore End - Marlow Hill - Royal Grammar School
Carousel Buses Ltd	904	Penn - Marlow Hill
Carousel Buses Ltd	905	Wycombe Marsh - Marlow Hill - St Bernards School
Carousel Buses Ltd	914	Bourne End - St Bernards School - Marlow Hill
Carousel Buses Ltd	917	Wooburn Green - St Bernards School - Marlow Hill
Carousel Buses Ltd	956	Hazlemere - Amersham Road - Marlow Hill
Carousel Buses Ltd	961	Penn - St Bernards School - Marlow Hill
Carousel Buses Ltd	979	Gerrards Cross - St Bernards School - Marlow Hill
Carousel Buses Ltd	981	Chalfont St Peter - St Bernards School - Marlow Hill
Carousel Buses Ltd	A40	Denham - Marlow Hill
Heyfordian Travel Ltd	901	Lacey Green - Marlow Hill
Heyfordian Travel Ltd	909	Pictonville - Marlow Hill - St Bernards School
Heyfordian Travel Ltd	920	Marlow - Marlow Hill
Heyfordian Travel Ltd	938	Studley Green - Marlow Hill
Heyfordian Travel Ltd	946	Saunderton - Marlow Hill
Heyfordian Travel Ltd	947	Monks Risborough - Marlow Hill - St Bernards School
Heyfordian Travel Ltd	957	Medmenham South Close - Marlow Hill
Z & S International Services	902	Great Missenden - Royal Grammar School - Marlow Hill - St Bernards School
Z & S International Services	908	Holmer Green - Royal Grammar School - Marlow Hill

Traffic Surveys

- On site observations and Consultation
- Define the Study Area
- Traffic counts and queue surveys, possibly video survey (5 to 15 minute intervals)
- Beat surveys at school start/end times to complement counts
 - Bus parking, arrival, boarding, alighting, departure
 - Pedestrian and cycle volumes and routes
- Pupil survey / school admissions analysis to understand catchment areas and typical travel patterns
 - Means of travel
 - Arrival/departure time
- Consult with school transport providers and bus operators
 - Capacity
 - Stop locations
 - Timing
 - Route constraints

Evaluation and Assessment

- Predict site trip generation based on similar schemes and established databases
- Assess where people will want to get to and how they might travel
- Look to provide a range of means of travel for the more common trips and establish likely use
- Assess residual traffic impact (car trips)
- Junction capacity modelling/testing
- Explore possible junction upgrades or further mitigation in other areas

Potential Measures

- Maximise trip ‘internalisation’
 - Provide facilities within site such as local shop, community centre, sports pitches
 - Provide some local employment
 - Primary school
 - Facilitate working from Home
- Develop bus proposals which could serve existing and new development trips
- Potentially provide some bus priority
- Ensure wider pedestrian and cycle network can provide necessary linkages
- Junction capacity improvements where practicable
- Package of measures to promote travel behaviour change through BCC’s travel planning programme

Potential Measures - Schools

- Basics – Site and route facilities audit
 - Good, accessible and secure cycle parking and safer routes
 - Well lit walk / cycle areas
 - Established and clear routes
 - Campaigns to promote their use
- Remote drop off and walking bus
- More staggered start / finish times
- Breakfast and after school clubs
- Alternative access routes
- Provide more bus lay-by space
- Set up zone based car sharing schemes
- Highlight irresponsible parking / no parking in Daws Hill Lane

Considering Highways Impact

- Site access junction(S)
- Daws Hill Lane/Marlow Hill
- Marlow Hill/Marlow Road gyratory
- Marlow Hill/Sports Centre Access
- Heath End Road/Abbey Barn Lane
- Heath End Road/Winchbottom Lane
- Abbey Barn Lane/Kingsmead Road
- Wider Area (raised by BCC)
 - A40 London Road/Abbey Barn Road junction
 - A40 London Road/Cock Lane junction
 - A40/Marlow Hill
- Handy Cross

Next Steps

- Agree scope of transport assessment with RG, WDC, BCC and HA (end Nov 2011)
- Undertake background transport surveys (Nov 2011 - Jan 2012 avoiding school holidays)
- Analyse data to highlight areas of impact and inform potential measures
- Further consultation with reference group and other stakeholders
- Develop transport strategy
- Prepare trip generation forecasts
- Assess travel impacts
- Develop and test mitigation measures
- Submit transport assessment to WDC/BCC