

## Tees Valley Bus Network Improvements: Stockton-on-Tees Infrastructure Register

Scheme Ref.	Issue	Proposed Solution	Total Scheme Cost	Total Local Contribution	Cost to DfT	Proposed Year of Implementation subject to funding approval
S1	Access to and congestion at bus stops in Stockton High Street and Bridge Road. Time-consuming detours for turning buses serving both ends of Stockton High Street. Buses from the south use Riverside to turn at the north end and buses from the north use Churchyard Link Road to turn at the south end	Rationalisation of existing bus stop provision to take into account the need to serve the Southern Gateway development and improve interchange. Creation of new parade route within pedestrianised area to minimise the need for road closures during such events. Relocation of National Express stop. Creation of bus u-turning facilities at each end of the High Street (Maxwell's Corner and Yarm Lane). Existing Yarm Lane / Prince Regent Street / Churchyard Link Road roundabout to be replaced by signalised junction with bus priority. Local contribution from LTP	£1,527,000.00	£125,000.00	£1,402,000.00	2011
S4	Variable delay due to parking on eastbound approach to Bishopton Lane / Norton Road / Stockton High Street junction	To be solved through enforcement, with camera if necessary. Fully funded from parking enforcement budget	£0.00	£0.00	£0.00	completed
S5	Difficult egress from bus stop at Stockton station and congestion on eastbound approach to Bishopton Lane / Allison Street / Leeds Street junction	Reduce signals to three phases with simultaneous east - west and west - east movements on Bishopton Lane	£50,400.00	£0.00	£50,400.00	2010
S7	Constrained lane width and right turn capacity causing variable delays for northbound buses in Norton Road at Allison Street junction	Narrow approach to a single lane with existing bus priority activated and minor kerb realignment to prevent left turn	£36,600.00	£0.00	£36,600.00	2010

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S8	Variable delays at Norton Road / Durham Road By-Pass / Maritime Road roundabout junction	Buses to call pelican crossing on Maritime Road and new Toucan crossing on Durham Road Bypass, with camera enforcement of southbound bus lane? Full signalisation of roundabout could form part of future phase? Local contribution from developer of Queen's Park North	£87,000.00	£75,000.00	£12,000.00	2010
S9	Junction arrangements for new Queen's Park development opposite Bowron Street	Junction improvement and signals with bus priority. Fully developer funded	£75,000.00	£75,000.00	£0.00	2011
S10	Variable delays to buses in Bridge Road, impact of Stockton Gateway proposal	Extensive priority in junction re-design. Land required. Must be complete before supermarket opens	£7,651,600.00	£4,500,000.00	£3,151,600.00	2012
S11	Significant delays on Mandale Gyratory	Contraflow bus lane on Mandale Road with rationalisation of existing bus stop provision and new stops at Thornaby Station, one of which will be accommodated through the closure of Darlington Street	£1,075,000.00	£0.00	£1,075,000.00	2010
S12a	Narrow carriageway in Westbury Street results in delays to all traffic, but particularly buses	Camera enforcement of existing southbound bus only access restriction from Five Lamps roundabout to minimise unauthorised through traffic	£23,500.00	£0.00	£23,500.00	2010
S14	Variable delays in Yarm Lane and approaching Yarm Lane junction from Oxbridge Lane and Yarm Road	Camera enforced bus lanes along full length of Yarm Lane in both directions	£370,000.00	£0.00	£370,000.00	2012
S16	Variable delays at Yarm Road / Hartburn Lane junction, exacerbated by bus stop on northbound approach	Bus stop to be relocated south of Arncliffe Avenue and signal phasing revised	£38,400.00	£0.00	£38,400.00	2010

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S17	Variable delays at Yarm Road / West End Way / Van Mildert Way junction	Link existing facility into SCOOT	£7,200.00	£0.00	£7,200.00	2010
S19	Delays at Bishopton Avenue / Oxbridge Avenue junction for eastbound traffic on Bishopton Road West	Widening scheme with MOVA to be implemented in 2008/09, fully funded from LTP. Bus priority at signals costed separately	£195,000.00	£195,000.00	£0.00	completed
S20	Variable delays due to limited capacity at Mile House junction	Junction improvement scheme complete, apart from bus priority (costed separately) and monitoring. Local contribution from Taylor Woodrow and SBC Regeneration	£490,000.00	£490,000.00	£0.00	completed
S21	Durham Road / Redhill Road / Hardwick Road junction under review (A177 study). Buses on Hardwick Road have difficulty joining Durham Road at peak times	West to north filter to be created and existing south to west bus only filter opened to all traffic. Buses to call pedestrian crossing on Durham Road to create gaps to exit Hardwick Road. Bus lanes on both Durham Road approaches to roundabout. Local contribution from developer of Hardwick site	£166,500.00	£65,000.00	£101,500.00	2010
S22	Parking and tight corners at Myrtle Road / Laurel Road / Maple Road	Scheme to restrict parking on the corners already implemented	£5,000.00	£5,000.00	£0.00	completed
S23	Queues on approach to Norton Road / Harland Place / Billingham Road / South Road roundabout	Replace roundabout with signalised junction incorporating bus priority	£381,720.00	£381,720.00	£0.00	2011
S24	Queues on approach to The Ring Road / Junction Road / Norton Green roundabout	Provide bus lane on Junction Road approach with buses in both directions calling pedestrian crossings on The Ring Road	£197,600.00	£0.00	£197,600.00	2011
S25	Low trees at bus stop in Cowpen Lane opposite Billingham Synthonia stadium	Move stop to Central Avenue or remove trees. Minor scheme to be fully funded by SBC	£1,000.00	£1,000.00	£0.00	completed

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S26	Access and disruption with Billingham town centre redevelopment	Roundabout at Melrose Avenue and buses segregated from all other traffic. Stops to be improved in quality and focussed on town centre side of the road	£1,022,125.00	£0.00	£1,022,125.00	2012
S27	Delays due to parked cars preventing easy access in Windlestone Road and Low Grange Avenue	Verge hardening to facilitate off-road parking	£45,840.00	£0.00	£45,840.00	2010
S28	Pinch points close to junctions in Low Grange Avenue cause delays to buses and impede access	New paved parking area on verge at pinch points. Ramp length on junction flat topped table to be increased to 1.2m.	£41,000.00	£0.00	£41,000.00	2010
S29	Variable delays at Baysdale Road / Mitchell Avenue junction for right turning buses	Signalise junction and introduce bus priorities (signal ducts already in place) but with no pedestrian facilities. Link to adjacent signals and toucan crossings. Change lane markings on Mitchell Avenue with nearside being left turn only	£136,200.00	£0.00	£136,200.00	2011
S30	Need to ensure Thornaby town centre is well served by buses, particularly given ongoing regeneration	Pedestrian crossing facilities to be improved, perhaps with table tops and reduced carriageway width. Amended layout to segregate buses from all other traffic and upgraded passenger waiting facilities	£484,720.00	£0.00	£484,720.00	2011
S31	Variable delays at Thornaby Road junction for right turning buses from Cunningham Drive	Signalise junction and introduce bus priorities, incorporating existing Toucan crossing	£99,180.00	£0.00	£99,180.00	2010

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S33	Variable delays at junctions on South Stockton Link	Northbound pre-signal on approach to Concorde Way and new southbound bus layby. New pelican crossing, with relocated southbound layby, at Falcon Court to act as a pre-signal for Westland Way roundabout	£213,000.00	£0.00	£213,000.00	2010
S35	Variable delays at Yarm Road / Urlay Nook Road junction	Extension of bus lane up to junction and realigned northbound exit. Three step signal phase	£649,920.00	£300,000.00	£349,920.00	2012
S37	Narrow lane width and poor geometry on eastbound approach to Worsall Road / Yarm High Street / The Spital junction	Junction geometry to be improved	£26,900.00	£0.00	£26,900.00	2012
S38	Variable delays in both directions at Durham Road / The Ring Road roundabout	Convert existing five arm roundabout into two adjacent, linked, signalised junctions with bus priority	£1,462,000.00	£0.00	£1,462,000.00	2011
S39	Variable delays to buses in Durham Road, mainly around Appleton Road and Londonderry Road, and Appleton Road, caused largely by parked cars, and also at the junction of these two roads	Signalise the Durham Road / Appleton Road junction with bus priority and create a half width parking lay-by by implementing a point closure at the Durham Road / Londonderry Road (north) junction	£197,155.00	£0.00	£197,155.00	2011