

Service 263 (A56) Highway Issues and Opportunities (Version Ref: 14) 19/08/14

Ref.	Location	Between	Issue to Bus Services	Relevant Periods(s)				Potential Opportunity	Scheme Type	Current Action Owner	Potential Bus Benefits			Impact on General Traffic			Estimated Cost (£)			Priority		
				AM	IP	PM	WE				High	Medium	Low	Pos	No Change	Neg	0-10k	10-50k	50k+	Low	Medium	High
1	Stamford New Road, Altrincham	Bus stop SJ1124 (southbound stop south of Stamford Street)	Double yellow lines at stop. No clearway (Diagram 1025.1)	✓	✓	✓	✓	<ul style="list-style-type: none"> Install bus stop clearway (Diagram 1025.1) and associated sign (Diagram 974) Clearway to be installed as part of temporary stop arrangements as part of Altrincham Interchange re-development 07/08/13 - Confirmed at Working Group clearway installation is complete 	Bus stop clearway	Trafford Council		✓				✓						✓
2	Stamford New Road, Altrincham	Bus stop SJ1125 (northbound stop north of Stamford Street)	Double yellow lines at stop and cage (Diagram 1025). No clearway (Diagram 1025.1)	✓	✓	✓	✓	<ul style="list-style-type: none"> Install bus stop clearway (Diagram 1025.4) and associated sign (Diagram 974). Cage marking (Diagram 1025) no longer a permitted marking Clearway to be installed as part of temporary stop arrangements as part of Altrincham Interchange re-development 07/08/13 - Confirmed at Working Group clearway installation is complete 	Bus stop clearway	Trafford Council		✓				✓						✓
3	Stamford New Road, Altrincham	Grosvenor Road and A560 Woodlands Road	Potential to include segregation along Stamford New Road	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider providing a bus lane on Stamford New Road on the northbound approach to the A560 (would lead to loss of cycle lanes / pay & display bays on east side) Area to be used for temporary bus stops / stands associated with Altrincham Interchange re-development. Provisional date for interchange to be complete late September 19/08/14 update - Altrincham Interchange now expected to open late 2014 	With-flow bus lane	N/A				✓			✓			✓		
4	Barrington Road, Altrincham	Bus stop SJ1123 (southbound stop north of Hazel Road)	Double yellow lines at stop. No clearway (Diagram 1025.1)	✓	✓	✓	✓	<ul style="list-style-type: none"> Install bus stop clearway (Diagram 1025.1) and associated sign (Diagram 974) 07/03/13 agreed action - Trafford Council to undertake consultation exercise and implement subject to successful outcome 17/01/14 agreed action - Andy Hague to confirm if consultation / clearway installed 01/05/14 agreed action - Approval received. Andy Hague to pass through to implementation team 19/08/14 update - Confirmed at Working Group clearway installation complete 	Bus stop clearway	Trafford Council		✓				✓						✓
5	Barrington Road, Altrincham	Bus stop SJ1122 (northbound stop south of Sandiway Road)	Double yellow lines at stop. No clearway (Diagram 1025.1)	✓	✓	✓	✓	<ul style="list-style-type: none"> Install bus stop clearway (Diagram 1025.1) and associated sign (Diagram 974) 07/03/13 agreed action - Trafford Council to undertake consultation exercise and implement subject to successful outcome 17/01/14 agreed action - Andy Hague to confirm if consultation / clearway installed 01/05/14 agreed action - Approval received. Andy Hague to pass through to implementation team 19/08/14 update - Still to be actioned by Andy Hague 	Bus stop clearway	Trafford Council		✓				✓						✓
6	Barrington Road, Altrincham	Bus stop SJ1120 (northbound stop south of Ellesmere Road)	Double yellow lines at stop. No clearway (Diagram 1025.1)	✓	✓	✓	✓	<ul style="list-style-type: none"> Install bus stop clearway (Diagram 1025.1) and associated sign (Diagram 974) 07/03/13 agreed action - Trafford Council to implement as part of Barrington Road junction scheme (Ref. 8) 17/01/14 agreed action - To be implemented separately if Ref. 8 scheme is not installed 01/05/14 agreed action - Approval received. Andy Hague to pass through to implementation team 19/08/14 update - Confirmed at Working Group clearway installation complete 	Bus stop clearway	Trafford Council		✓				✓						✓
7	Barrington Road, Altrincham	Bus stop SJ1121 (southbound stop north of Ellesmere Road)	Double yellow lines at stop. No clearway (Diagram 1025.1)	✓	✓	✓	✓	<ul style="list-style-type: none"> Install bus stop clearway (Diagram 1025.1) and associated sign (Diagram 974) 07/03/13 agreed action - Trafford Council to implement as part of Barrington Road junction scheme (Ref. 8) 17/01/14 agreed action - To be implemented separately if Ref. 8 scheme is not installed 01/05/14 agreed action - Andy Hague to undertake consultation with frontages (letter drop) 19/08/14 update - Confirmed at Working Group clearway installation complete 	Bus stop clearway	Trafford Council		✓				✓						✓

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8	A56 Manchester Road/B5164 Barrington Road signalised junction, Altrincham	Junction of A56 Manchester Road and B5164 Barrington Road	Extensive queues on the B5164 Barrington Road northbound approach	✓		✓		<ul style="list-style-type: none"> Potential to provide two right turn lanes at the Barrington Road approach - confirmed scheme to be introduced. Expected start on-site May / June, followed by resurfacing of junction. All work expected to be completed first week in September 07/08/13 - Revised scheme installation date provide at Working Group meeting. Scheme now expected to be implemented by February 2014. Works to occur off peak only to minimise delays 17/01/14 update - UTC Design Review Panel does not favour implementing a double right turn. Alternative options to be considered by UTC Design Review Panel on 28/01/14. Revised scheme expected to follow. Andy Hague to confirm revised scheme 01/05/14 update - Revised scheme is to involve implementation of revised SCOOT system and changes to stopline positions. Aiming to complete implementation by end of summer holidays (2014) 19/08/14 update - On hold due to other works (Ref 11 and 15) 	Traffic Signal Junction Improvements	Trafford Council	✓			✓						✓		✓	
9	A56 Manchester Road, Altrincham	B5164 Navigation Road and Barrington Road	Vehicles entering and existing Woodfield Road, Devonshire Road, Gladstone Road and Harcourt Road cause delays along the A56	✓		✓		<ul style="list-style-type: none"> Consider rationalising side roads to reduce conflicts. Consider closing off Devonshire Road, Gladstone Road and Harcourt Road from the A56. Navigation Road should maintain eastbound one-way traffic flow from Brunswick Road to prevent rat-running from Barrington Road Potential deliverability issues due to available carriageway width preventing physical islands in centre of carriageway (potential for signs to be ignored) 07/03/13 agreed action -Trafford Council to undertake informal discussion with Highway Leading Member regarding views 07/08/13 - Confirmed at Working Group informal discussions complete. Agreed by all parties that detailed study required to establish benefits of scheme and impact on local traffic movements 17/01/14 agreed action - Andy Hague to produce study brief. Funding source for study needs to be identified 01/05/14 update - No change from previous action. Andy Hague to discuss with Dominic Smith due to change in management 19/08/14 update - Dominic Smith to action 	Banned movement	Trafford Council		✓		✓				✓			✓		
9.1	A56 Manchester Road, Altrincham	Bus stop SJ0968 (southbound stop south of Navigation Road)	When southbound bus stop (SJ0968) is in use and a vehicle is waiting to turn right into Woodfield Road the southbound carriageway becomes blocked	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider moving bus stop southbound. Potential issue with proximity to controlled pedestrian crossing 07/08/13 - Agreed at Working Group scheme to be referred to TfGM Bus Stop Service Infrastructure Department for consideration during next Trafford site visits with Police and Trafford Council. Third party land potentially required which may mean scheme is not feasible 17/01/14 update - Peter Bramwell to speak with Service Infrastructure and establish what has occurred 01/05/14 post-meeting update - Site on list for next bus stop visits in Trafford by joint site team (TfGM, Trafford Council and Police) 19/08/14 update - Site visit completed by TfGM Service Infrastructure, GM Police and Trafford Council. Bus stop can be moved, but third party land is required. TfGM Service Infrastructure to approach land owner. Trafford Council has some Section 106 money which could be used for the move 	Bus stop relocation	TfGM (Bus)		✓			✓		✓				✓		
10	A56 Manchester Road/Navigation Road signalised junction, Altrincham	Junction of A56 Manchester Road and Navigation Road	Northbound bus stop (SJ4844) on Manchester Road is located close to the signal stop line affecting northbound capacity (particularly when the right turn is heavy)	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider relocating bus stop further southbound (would need to stay north of Devonshire Road to serve passenger demand) Issue closed on 28/03/13 - TfGM investigated demand at stop. Two buses scheduled to arrive at same time on a number of occasions. Relocation not considered feasible as side road would be blocked 	Bus stop relocation	TfGM (Bus)			✓	✓			✓			✓			

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11	A56 Manchester Road/George Richards Way/Viaduct Road signalised junction, Altrincham	Junction of A56 Manchester Road/George Richards Way/ Viaduct Road	Junction operates at capacity during peak periods and during weekend trading hours due to upstream blocking. Affects buses and general traffic	✓		✓	✓	<ul style="list-style-type: none"> Review the possibility to introduce two southbound right turn lanes into retail park (currently single lane), potentially reducing the southbound upstream blocking on the A56 ahead movement 07/03/13 - Scheme being considered as part of potential planning application for ASDA store on retail park 07/08/13 - Confirmed at Working Group planning permission has been granted. This includes the need to provide a double southbound right turn. The scheme is not expected to be on-site in the short term 17/01/14 update - No progress. Awaiting ASDA to confirm start date of development 01/05/14 update - Andy Hague confirmed that the junction design has been redrafted and is currently being reviewed. No timescale for implementation as present. Agreed the impact of the road works needs to be communicated as soon as known 19/08/14 update - Scheme construction mid January 2015 for 3 months to construct double right turn. Benefits included less green time given to right turn, tightening up of stop lines resulting in reduced intergreen times and less backing up of traffic into the southbound ahead lane. Traffic management to include off peak lane closures and resurfacing expected in March 2015 	Traffic signal improvements	Trafford Council		✓			✓					✓			✓
12	A56 Manchester Road/Sinderland Road/Salisbury Road signalised junction, Altrincham	Junction of A56 Manchester Road/Sinderland Road/Salisbury Road	Vehicles turning right from A56 into Sinderland Road cause delays to vehicles travelling south along the A56	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider localised carriageway widening to create southbound right turn lane Trafford Council has aspirations to introduce controlled pedestrian crossing facilities, however no firm plans or funding is currently in place 17/01/14 update - Controlled crossing facilities currently being designed. Implementation expected June 2014 01/05/14 update - Recent design work has been passed to UTC for comments. No date for installation currently set 19/08/14 update - On hold due to Ref 11 works (coordination) 	Traffic signal improvements	-		✓			✓				✓		✓		
13	A56 Manchester Road, Broadheath	Sinderland Road and Stamford Brook Road	Delays to buses northbound traffic along A56	✓		✓	✓	<ul style="list-style-type: none"> Consider a northbound bus lane along this section (linked to existing bus lane on approach to Stamford Brook Road) 07/03/13 agreed action - Issue to be reviewed once Park Road scheme (Ref. 15) is constructed and fully operational 	With-flow bus lane	All	✓					✓					Priority to be decided once Park Road scheme implemented (Ref. 15)		
14	A56 Manchester Road, Broadheath	In-front of the Nissan garage	Indiscriminate loading and unloading on the southbound carriageway causes delay to buses and general traffic	✓		✓		<ul style="list-style-type: none"> Greater enforcement of waiting and loading peak time loading restrictions 07/03/13 agreed action - Andy Hague (Trafford Council) to undertake informal discussions with garage 07/03/13 agreed action - Trafford Council to review and ensure 'enforceability' of on-street lining and signing. Potential for camera enforcement to be undertaken on a temporary basis should issue persist 07/08/13 - Confirmed waiting and loading restrictions have been remarked on-site. Issue with loading to be monitored by Arriva. If problem persists, Arriva to raise issue 17/01/14 agreed action - Arriva reported no issues at present. Arriva to keep under review 01/05/14 agreed action - Ad-hoc issues occurred on a few occasions since last meeting. Arriva to continue monitoring 19/08/14 update - Arriva to continue to monitor 	Enforcement	Arriva		✓			✓			✓			✓		

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15	A56 Manchester Road/B5165 Park Road, Timperley	Junction of A56 Manchester Road and the B5165 Park Road	Delays experienced during peak periods, particularly northbound due to right turning traffic which results in only a single ahead lane being usable	✓	✓	✓	✓	<ul style="list-style-type: none"> Proposals currently being developed to widen the carriageway northbound to provide two ahead lanes and a right turn lane of approximately 90m in length. The scheme requires the compulsory purchase of land and is expected to take 6-9 months to construct, resulting in delays during the construction phase. Completion of scheme expected some time in 2013 (subject to outcome of Compulsory Purchase requirements). The scheme cost is £1.8m 07/03/13 agreed action - Trafford Council to advise of start date three months in advance to allow temporary amendments to bus timetable during construction 07/08/13 - Currently planned to start delivery before end of 2013 (subject to outcome of compulsory purchase of land) 17/01/14 update - Compulsory purchase order site notices erected on site 16/01/13. Construction works expected to start on-site June 2014 (subject to compulsory purchase procedure being successful). Scheme expected to take 9 months to construct 01/05/14 update - One objection received regarding a controlled pedestrian facility. Likely start now in October with statutory undertakers works first. As much notice as possible required to allow Arriva to cater for impact of road works on their timetable 19/08/14 update - Scheme expected to be installed March 2015 onwards due to coordination requirements (Ref 11). Arriva ideally need confirmed plans by end of October to allow appropriate changes to timetable 	Carriageway modifications and lane alterations	Trafford Council	✓			✓										
				✓	✓	✓	✓	<ul style="list-style-type: none"> Potential to introduce southbound left turn lane as a possible phase two scheme. This would require purchase of private land. Review once Park Road phase 1 scheme completed 	All	✓			✓											
16	A56 Washway Road, Timperley/Sale	Park Road and Woodhouse Lane	Delays to buses along A56	✓		✓		<ul style="list-style-type: none"> Potential to install bus lanes in both directions through widening carriageway using the existing footway (footway contains a high number of mature trees). Northbound bus lane preferred 17/01/14 agreed action - Arriva to confirm extent of delays along this section 19/08/14 update - Timing point information to be provided by Arriva 	With-flow bus lane	Arriva		✓			✓							✓		
17	A56 Washway Road/The Drive/Langdale Road priority junction, Sale	Junction of Washway Road/The Drive and Langdale Road	Vehicles entering and exiting both Langdale Road and The Drive cause delay to buses and general traffic along the A56. These are residential accesses but also used as 'rat runs' to and from Marsland Road (Sale to the east) and the M60 junction 8 (to the west)	✓		✓		<ul style="list-style-type: none"> Consider rationalising side roads by closing access to The Drive and Langdale Road from the A56. Access to be gained via Woodhouse Lane which is a signalised junction. Or The Drive / Langdale could be made outbound only onto the A56 07/03/13 agreed action -Trafford Council to undertake informal discussion with Highway Leading Member regarding views 07/08/13 - Confirmed at Working Group informal discussions complete. Agreed by all parties that detailed study required to establish benefits of scheme and impact on local traffic movements 17/01/14 agreed action - Andy Hague to produce study brief. Funding source for study needs to be identified 01/05/14 update - No change from previous action. Andy Hague to discuss with Dominic Smith due to change in management 19/08/14 update - With Dominic Smith for action 	Banned movement	Trafford Council				✓	✓								✓	
18	A56 Washway Road/Alma Road, Sale	Junction of Washway Road/Alma Road	Alma Road is the only access to Tyntesfield Primary School, right turning vehicles into Alma Road restrict A56 southbound vehicles which also affect capacity at A56 Washway Road/Woodhouse Lane/Eastway signalised junction	✓		✓		<ul style="list-style-type: none"> Consider providing ghost island right turn pocket. Would require carriageway widening along the east footway. Investigation into ability to remove mature trees would be required 19/08/14 update - Working Group decided this provided low bus benefits and is not considered a priority. No further action required at present 	Carriageway modifications and lane alterations	-					✓	✓						✓		

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18.1	A56 Washway Road, Sale	Bus stop SJ4849 (southbound stop south of Eastway)	Buses in stop reduce carriageway to single lane, creating delays for southbound traffic and reduces capacity of the Eastway junction	✓	✓	✓	✓	<ul style="list-style-type: none"> Investigate potential for half width lay-by using wide footway. Potential issues with mature trees and driveway positions 07/08/13 - Discussed at Working Group scheme has previously been investigated. Costs to divert statutory undertakers equipment mean the scheme cost is prohibitory 	Carriageway modifications	Trafford Council			✓	✓					✓		✓	
19	A56 Washway Road/Woodhouse Lane/Eastway signalised junction, Sale	Junction of A56 Washway Road/Woodhouse Lane/Eastway	Right turning vehicles in both directions on the A56 reduces the capacity of the junction	✓	✓	✓	✓	<ul style="list-style-type: none"> Potential to widen the north and south arms to provide formalised right turn facilities 	Carriageway modifications and lane alterations	-		✓							✓		✓	
				✓	✓	✓	✓	<ul style="list-style-type: none"> The existing Eastway approach is a single lane. Consider constructing a two lane approach (using the grass verge area) to reduce the green time required on Eastway, allowing greater green time of the A56 	Carriageway modifications and lane alterations	-		✓					✓		✓			
				✓	✓	✓	✓	<ul style="list-style-type: none"> The heavy right turn from Woodhouse Lane means this signal stage needs high amount of green time. Potential for double right turn lane needs to be explored to increase capacity, reducing green time for Woodhouse Lane 07/03/13 agreed action - Peter Bramwell (TfGM) to speak internally within TfGM to try and establish funding for GMUTC to undertake preliminary scheme feasibility study to confirm feasibility/best option to progress 07/08/13 - Confirmed at Working Group. Not priority at present. No further action required 	Carriageway modifications and lane alterations	TfGM (Bus)		✓					✓					✓
20	A56 Washway/Woodhouse Lane, Sale	Junction of A56 Washway and Woodhouse Lane	Rat-running to miss the A56 from Carrington results in heavy right-turn taking away green time from the A56. Existing width restrictions in place to prevent HGV's	✓	✓	✓	✓	<ul style="list-style-type: none"> Explore options to prevent the rat-running reducing the green time needed for the side road 07/03/13 agreed action - Junction improvement scheme preferred by all partners (see Ref. 19) 	Banned movement	N/A		✓						✓		✓		
21	A56 Washway Road, Sale	Woodhouse Lane and Marsland Road	Delays to buses in both directions	✓		✓		<ul style="list-style-type: none"> Potential carriageway space to include bus lanes in both directions. Some minor carriageway widening maybe required using existing wide footways 07/03/13 agreed action - All partners agreed junctions cause the main problems. Scheme considered low priority 17/01/14 agreed action - Arriva to confirm extent of delays experienced. GPS data to be supplied 19/08/14 update - Arriva still need to supply data 	With-flow bus lane	Arriva			✓						✓	✓		
22	A56 Washway Road, Sale	Bus stop SJ1720 (southbound stop north of Forest Drive)	Single yellow line installed at stop. No clearway (Diagram 1025.1)	✓	✓	✓	✓	<ul style="list-style-type: none"> Install bus stop clearway (Diagram 1025.1) and associated sign (Diagram 974). 07/03/13 agreed action - Trafford Council to undertake consultation exercise and implement subject to successful outcome 07/08/13 - Confirmed at Working Group that clearway marking has been installed. Clearway sign (Diagram 974) 'on order' for installation 17/01/14 update - Confirmed work have been completed 	Bus stop clearway	Trafford Council		✓				✓						✓

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23	A56 Washway Road/ The Avenue, Sale	Junction of Washway Road and The Avenue	High number of vehicles turning into The Avenue causing delays to southbound vehicles on the A56	✓	✓	✓	✓	<ul style="list-style-type: none"> Rationalise side roads i.e. The Avenue, Hunstone Road and Selsey Avenue. Access to these roads could be gained via Woodhouse Lane 07/03/13 agreed action - Trafford Council to undertake informal discussion with Highway Leading Member regarding views 07/08/13 - Confirmed at Working Group informal discussions complete. Agreed by all parties that detailed study required to establish benefits of scheme and impact on local traffic movements 17/01/14 agreed action - Andy Hague to produce study brief. Funding source for study needs to be identified 01/05/14 update - No change from previous action. Andy Hague to discuss with Dominic Smith due to change in management 19/08/14 update - With Dominic Smith for action 	Banned movement	Trafford Council				✓	✓				✓			✓	
				✓	✓	✓	✓	<ul style="list-style-type: none"> Consider outbound movements only from The Avenue, Hunstone Road and Selsey Avenue. All other manoeuvres could be gained via Woodhouse Lane 07/03/13 agreed action - Trafford Council to undertake informal discussion with Highway Leading Member regarding views 07/08/13 - Confirmed at Working Group informal discussions complete. Agreed by all parties that detailed study required to establish benefits of scheme and impact on local traffic movements 17/01/14 agreed action - Andy Hague to produce study brief. Funding source for study needs to be identified 01/05/14 update - No change from previous action. Andy Hague to discuss with Dominic Smith due to change in management 19/08/14 update - With Dominic Smith for action 	Banned movement	Trafford Council					✓						✓		
24	A56 Washway Road, Sale	Harboro Way and School Road	Side roads create conflicts to A56 northbound and southbound traffic	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider rationalising side roads and re-assigning traffic to either Oaklands Drive, School Road or Sibson Road 07/03/13 agreed action - Trafford Council to undertake informal discussion with Highway Leading Member regarding views 07/08/13 - Confirmed at Working Group informal discussions complete. Agreed by all parties that detailed study required to establish benefits of scheme and impact on local traffic movements 17/01/14 agreed action - Andy Hague to produce study brief. Funding source for study needs to be identified 01/05/14 update - No change from previous action. Andy Hague to discuss with Dominic Smith due to change in management 19/08/14 update - With Dominic Smith for action 	Banned movement	Trafford Council				✓	✓				✓			✓	
25	A56 Washway Road, Sale	School Road and Dane Road	Side roads create conflicts to A56 northbound and southbound traffic	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider rationalising all unnecessary side roads. Re-assign traffic via either Ashton Lane, Atkinson Road or Glebelands Road / Dane Road, which are signalised 07/03/13 agreed action - Trafford Council to undertake informal discussion with Highway Leading Member regarding views 07/08/13 - Confirmed at Working Group informal discussions complete. Agreed by all parties that detailed study required to establish benefits of scheme and impact on local traffic movements 17/01/14 agreed action - Andy Hague to produce study brief. Funding source for study needs to be identified 01/05/14 update - No change from previous action. Andy Hague to discuss with Dominic Smith due to change in management 19/08/14 update - With Dominic Smith for action 	Banned movement	Trafford Council				✓	✓				✓			✓	

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25.1	A56 Cross Street, Sale/Stretford	No. 122 to 158	Movement into / out of side road create conflicts to A56 northbound and southbound traffic	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider implementation of one-way system on side road to reduce potential for right turn to create delays at two locations 07/08/13 - Confirmed at Working Group informal discussions complete. Agreed by all parties that detailed study required to establish benefits of scheme and impact on local traffic movements 17/01/14 agreed action - Andy Hague to produce study brief. Funding source for study needs to be identified 01/05/14 update - No change from previous action. Andy Hague to discuss with Dominic Smith due to change in management 19/08/14 update - With Dominic Smith for action 	Banned movement	Trafford Council			✓	✓				✓			✓	
25.2	A56 Cross Street, Sale/Stretford	Cross Street / Glebelands Road junction	Delays to buses along A56. Glebelands Road has a single approach lane	✓	✓	✓	✓	<ul style="list-style-type: none"> Glebelands Road approach has potential to be widened to two lanes using wide footway area. Investigation of land ownership required prior to potential scheme design work. This would allow green time given to side road to potentially be reduced, allowing more green time to A56 17/01/14 agreed action - Trafford Council to check location of statutory undertakers equipment, which could be cost prohibitory to scheme development. If costs not prohibitory, scheme to be referred to UTC 19/08/14 update - Andy Hague to check statutory undertaker equipment 	Carrageway modifications and lane alterations	Trafford Council												
26	A56 Cross Street, Sale/Stretford	Dane Road and the M60	Bus delays usually experienced during AM peak northbound	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider providing a with-flow bus lane on the northbound approach to the M60 (likely to require pre-signal due to heavy left turn onto M60) 07/03/13 agreed action - Scheme to be reconsidered following implementation of M60 Junction 7 SCOOT scheme (Ref. 27) 	With-flow bus lane	-	✓				✓						✓	
27	A56 Chester Road/ M60 junction 7, Sale/Stretford	Junction 7 of the M60	Junction currently running on MOVA	✓				<ul style="list-style-type: none"> GMUTC looking to install SCOOT. Lack of funding to complete the scheme at present (worst case estimate £43,000 needed to complete scheme). Completion date TBC once funding source identified 07/08/13 - Update at Working Group, no funding identified at present 17/01/14 update - Peter Bramwell outlined the potential to include the scheme as part of a possible other project underspend. Available timescales for spending may prevent this 01/05/14 update - Wireless SCOOT schemes to be implemented. Field survey for lines of communication currently being undertaken, system design to follow. Installation date not known 19/08/14 update - PB to discuss with UTC and provide update at next meeting 	Traffic signal improvements	TfGM (UTC)		✓		✓			✓				✓	
			Northbound right-turn reservoir often full restricting ahead movement	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider northbound right turn flare after M60 bridge and localised widening on M60 on-slip to create two right turn lanes reducing signal stage time 07/03/13 agreed action - Trafford Council to undertake preliminary design 19/08/14 update - Joint site visit highlighted this was not a problem. Item closed 	Junction improvement scheme	Trafford Council			✓				✓				✓	
			Heavy northbound ahead traffic prevents left turn onto M60 when ahead signals are on red and left slip road signals are on green	✓	✓	✓	✓	<ul style="list-style-type: none"> Extend start of slip road further back, reducing delays to ahead traffic on A56. Potential visibility issues for vehicles exiting Bradley Lane 07/03/13 agreed action - Trafford Council to undertake preliminary design 19/08/14 update - To be reviewed following SCOOT becoming operational. Possible future minor pinch point scheme 	Junction improvement scheme	Trafford Council			✓				✓					✓

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Ref.	Location	Between	Issue to Bus Services	Relevant Periods(s)				Potential Opportunity	Scheme Type	Current Action Owner	Potential Bus Benefits			Impact on General Traffic			Estimated Cost (£)			Priority		
				AM	IP	PM	WE				High	Medium	Low	Pos	No Change	Neg	0-10k	10-50k	50k+	Low	Medium	High
28	A56 Chester Road/ A5181 Barton Road, Stretford	Junction of the A56 Chester Road and the A5181 Barton Road	Traffic not using 2 no. lanes exiting Barton Road to join the A56, resulting in additional green time which is being lost for the A56 northbound	✓	✓	✓	✓	<ul style="list-style-type: none"> Consider improving exit onto A56 through signalling Chester Road southbound and roundabout onto Chester Road. This would run as two separate stages incorporating walk-with-traffic pedestrian facilities 07/03/13 agreed by all partners, scheme unlikely to provide benefits for southbound buses 17/01/14 update - Additional carriageway markings recently installed. Scheme to be monitored 01/05/14 update - Group agreed that the use of two lanes has been encouraged as much as possible, no further changes can be made. Issue closed 	Junction improvement scheme	Trafford Council			✓	✓					✓	✓		
29	A56 Chester Road, Stretford	Junction of the A56 Chester Road and the A5145 Edge Lane	Southbound delays can occur on approach to junction during PM peak. This is related to the need to give signal time to the heavy northbound right turn, reducing signal time available to the southbound movement	✓		✓		<ul style="list-style-type: none"> Trafford Council currently considering schemes to provide 2 no. northbound right-turn lanes. This will reduce the amount of green time required for the signal phase, allowing more time to be given to the southbound movement 07/03/13 update provided - Scheme currently being reviewed due to issues with subways being in filled. Timescale for scheme implementation unknown 07/08/13 - Update at Working Group outlined scheme on hold due to additional funding needed to provide at-grade pedestrian crossing facilities 17/01/14 update - Scheme still on hold. No further update 01/05/14 update - Masterplan being developed, brief being prepared for consultants study of the area. Junction to be included in study (dates to be confirmed) 19/08/14 update - Design brief with consultants. Design work expected to start September / October 2014. Update to be provided at next Working Group Meeting 	Junction improvement scheme	Trafford Council		✓		✓					✓		✓	
			Northbound delays to buses and general traffic during the morning peak, southbound delays to buses during the evening peak	✓		✓		<ul style="list-style-type: none"> Potential carriageway space to provide bus lanes on approach to junction in both directions. These should be incorporated into the junction improvement scheme 07/08/13 - Update at Working Group outlined scheme on hold due to additional funding needed to provide at-grade pedestrian crossing facilities 17/01/14 update - Scheme still on hold. No further update 01/05/14 update - Masterplan being developed, brief being prepared for consultants study of the area. Junction to be included in study (dates to be confirmed) 19/08/14 update - Design brief with consultants. Design work expected to start September / October 2014. Update to be provided at next Working Group Meeting 	With-flow bus lane	Trafford Council	✓				✓						✓	
29.1	A56 Chester Road, Stretford	Bus stop SJ0043 (southbound stop north of Radnor Street)	Pedestrian guardrail prevents second bus from boarding / alighting passengers directly onto footway. Passengers currently walk between the guardrail and stationary bus	✓	✓	✓	✓	<ul style="list-style-type: none"> Review guardrail to establish if removal of small amount is possible without impacting on pedestrian safety 17/01/14 agreed action - On-site meeting to be arranged to view and discuss issue. Peter Bramwell to arrange 19/08/14 update - Working Group site visit completed. Works ticket in process of being sent to works depot 	Pedestrian guardrail removal	Trafford Council		✓			✓					✓		
29.2	A56 Chester Road, Stretford	Bus stop SJ0010 (northbound stop south of Derbyshire Lane)	Pedestrian guardrail prevents second bus from boarding / alighting passengers directly onto footway. Passengers currently walk between the guardrail and stationary bus	✓	✓	✓	✓	<ul style="list-style-type: none"> Review guardrail to establish if removal of small amount is possible without impacting on pedestrian safety 17/01/14 agreed action - On-site meeting to be arranged to view and discuss issue. Peter Bramwell to arrange 19/08/14 update - Working Group site visit completed. Works ticket in process of being sent to works depot 	Pedestrian guardrail removal	Trafford Council		✓			✓					✓		
29.3	A56 Chester Road, Stretford	Bus stop SJ0011 (northbound stop north of Derbyshire Lane)	Pedestrian guardrail prevents second bus from boarding / alighting passengers directly onto footway. Passengers currently walk between the guardrail and stationary bus	✓	✓	✓	✓	<ul style="list-style-type: none"> Review guardrail to establish if removal of small amount is possible without impacting on pedestrian safety 17/01/14 agreed action - On-site meeting to be arranged to view and discuss issue. Peter Bramwell to arrange 19/08/14 update - Working Group site visit completed. Works ticket in process of being sent to works depot 	Pedestrian guardrail removal	Trafford Council		✓			✓					✓		
29.4	A56 Chester Road / Davy Hulme East Junction, Stretford	A56 Chester Road / Davy Hulme East Junction	Trafford Council have secured casualty reduction money for scheme at junction					<ul style="list-style-type: none"> 19/08/14 update - Arriva to check with drivers if any issues exist for them at the junction and feedback to Trafford Council 	Casualty reduction scheme	Arriva					✓							

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Ref.	Location	Between	Issue to Bus Services	Relevant Periods(s)				Potential Opportunity	Scheme Type	Current Action Owner	Potential Bus Benefits			Impact on General Traffic			Estimated Cost (£)			Priority			
				AM	IP	PM	WE				High	Medium	Low	Pos	No Change	Neg	0-10k	10-50k	50k+	Low	Medium	High	
34	A56 Chester/A5063 Trafford Road, Old Trafford	A56 Chester Road/A5063 Trafford Road junction	Delays due to the number of signalised junctions in the area and the heavy right turn from Trafford Road onto Chester Road	✓	✓	✓	✓	<ul style="list-style-type: none"> Assess the possibility of a off-highway bus priority scheme. Maybe problematic due to the nearby canal and rail lines 17/01/14 agreed action - All parties to consider feasibility for potential bus priority scheme and discuss at next Working Group meeting 19/08/14 update - Working Group had undertaken site visit. To main options exist - 1) Extend right turn pocket. 2) Make lane 3 right turn only. Agreed at meeting feasibility study required by Trafford Council 	Bus priority scheme assessment	Trafford Council	✓				✓					✓			✓
34.1	Chester Road / A56 Bridgewater Way, Old Trafford	Chester Road / A56 Bridgewater Way junction	Buses can be delayed accessing the bus only left turn (towards Altrincham) due to queue of general traffic	✓	✓	✓	✓	<ul style="list-style-type: none"> Potential to extend bus lane with carriageway widening into footway / verge back towards Boyer Street. 17/01/14 agreed action - Option to be examined as part of joint site visit meeting. Peter Bramwell to organise 19/08/14 update - Not considered to be a problem during site visit and subsequent check with drivers. Possibility to introduce pre-signal in combination with Ref: 34.2 	Carriageway modifications and lane alterations	Trafford Council													
34.2	Chester Road / Bridgewater Way, Old Trafford	Chester Road / Bridgewater Way Junction	Delays to buses on roundabout and approach					<ul style="list-style-type: none"> 19/08/14 update - Site visit for Ref. 34.1 identified potential for bus lane on roundabout to tie into bus only section. Design required. Trafford Council to investigate if any Section 106 money is available for potential scheme 	With-flow bus lane	Trafford Council													
35	A56 Bluetooth journey time system			✓	✓	✓	✓	<ul style="list-style-type: none"> A Bluetooth journey time system has previously been introduced as part of the Congestion Performance Fund along the A56 (between Altrincham and Cornbrook) and included two new signs showing journey times at High Street and Woodlands Road (the system is not working correctly at present and this is being investigated) 07/08/13 - Working Group update. A second phase scheme (Barton gyratory to Mancunian Way) is now installed. Both schemes are collecting journey time data. However the 'algorithm' to show journey times is causing some issues and is preventing variable message signs from being switched on 17/01/14 update - New sign to be potentially installed as part of LSTF project (may not make it into the bid) 17/01/14 agreed action - Peter Bramwell to liaise with VMS signs team to establish where the scheme is up to 01/05/14 update - Journey time system now fully operational. Tim Morris (TfGM) to do presentation at next Working Group meeting to provide overview of system 19/08/14 update - Presentation completed by Tim Morris at Working Group meeting. PB to provide price for bluetooth receivers that could be fitted to Arriva buses at next Working Group meeting 	Road user information scheme	TfGM (UTC)		✓		✓					N/A			N/A	