

SEVERITY SLIGHT		District Kirklees Ref.No 110145702		Brockholes Junction 5 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 414247 / 408155 Police Officer Attend: Yes			
Date 29/03/2011 Time 10:17 Weather Fine without high winds Road Surface Dry Street Lighting Daylight		Day Tuesday		Road A635 Location Market Walk at Junction with Dunford Road, Holmfirth		Description Pedestrian Crossed Market Walk (Towngate) on Zebra Crossing. V1 Approaches Crossing from Dunford Road. V1 Edged out of Junction of Accident Looking left Whilst Travelling Right. V1 Collides with Ped on the Crossing at Slow Speed.			
SITE DETAILS Speed Limit 30 MPH Carriageway Single carriageway Junction Detail T or staggered junction Junction Control Give way or uncontrolled 2nd Road Number B6106 Pedestrian Facilities None within 50 metres No physical crossing facility within 50 m		SPECIAL SITE CONDITIONS None		CONTRIBUTORY FACTORS				PARTICIPANT PROBABILITY	
		CARRIAGEWAY HAZARDS None							
VEHICLES INVOLVED 1				CASUALTIES INVOLVED 1					
Veh.No. 1 Manoeuvre Turning right Veh. direction from Southeast to Northeast Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Entering main road Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Front Veh registration no. Other veh.hit (ref.no) 0 Drivers age 80 yrs Sex Female Left Hand Drive Unknown Journey purpose Other		Make Model Towing? No tow or articulation		Cas No 1 Severity SLIGHT Car Passenger? Not a passenger Seat Belt Not applicable Ped Movement Unknown or other Ped Location In centre of carriageway Ped Direction to Unknown School Pupil Other Roadworker injured Not applicable <u>Other Details</u>					
Full Details				28-August-2015		Accident Ref.No 110145702			

SEVERITY SLIGHT		District Ref.No	Kirklees 110350036	Brockholes Junction 5 Frontage - 01/08/2010 to 31/07/2015		Grid Reference Police Officer Attend:	414194 / 408177 Yes
Date Time Weather Road Surface Street Lighting	30/07/2011 01:35 Fine without high winds Dry Dark: street lights present but unlit	Day Saturday	Road A635	Location Victoria Street 40 Metres Se of Huddersfield Road, Holmfirth	Description Veh 1 Car Taxi Parked Offside to Kerb Facing Huddersfield Road, Group of Youths Come out from Nearby Premises and Block Taxi from of Accident Moving, Contact is Subsequently Made Between Veh 1 and Casualties as Veh 1 is Manoeuvred and Driven Away.		
Speed Limit Carriageway Junction Detail Junction Control 2nd Road Number Pedestrian Facilities	SITE DETAILS 30 MPH Single carriageway Not at or within 20 metres of junction None within 50 metres No physical crossing facility within 50 m	SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None		CONTRIBUTORY FACTORS 805 Dangerous action in carriageway (Pedestrian) 806 Impaired by alcohol (Pedestrian) 805 Dangerous action in carriageway (Pedestrian) 806 Impaired by alcohol (Pedestrian)		PARTICIPANT PROBABILITY Casualty 001 B Casualty 001 B Casualty 001 B Casualty 001 B	
VEHICLES INVOLVED 1				CASUALTIES INVOLVED 2			
Veh.No. Manoeuvre Veh. direction from Skidded Veh location at impact Junct. location of veh. Veh left carriageway? Hit object in c'way? Hit object off c'way? First point of impact Veh registration no. Drivers age Left Hand Drive Journey purpose	1 Vehicle type Taxi Moving off Southeast to Northwest No skidding, jack-knifing or overturning On main carriageway not in restricted lane at 1st impact Not at or within 20m of junction Did not leave carriageway None None Front	Make Model	Cas No Severity Car Passenger? Seat Belt Ped Movement Ped Location Ped Direction to School Pupil Roadworker injured	1 SLIGHT Not a passenger Not applicable Unknown or other Unknown or other Standing still Other Not applicable	Pedestrian Age 18 yrs	Veh ref No Post code	1 Male PSV Passenger? Not a passenger Cycle Helmet
				Cas No Severity Car Passenger? Seat Belt Ped Movement Ped Location Ped Direction to School Pupil Roadworker injured	2 SLIGHT Not a passenger Not applicable Unknown or other Unknown or other Standing still Other Not applicable	Veh ref No Post code	1 Male PSV Passenger? Not a passenger Cycle Helmet
				<u>Other Details</u>			
Full Details				Accident Ref.No 110350036			

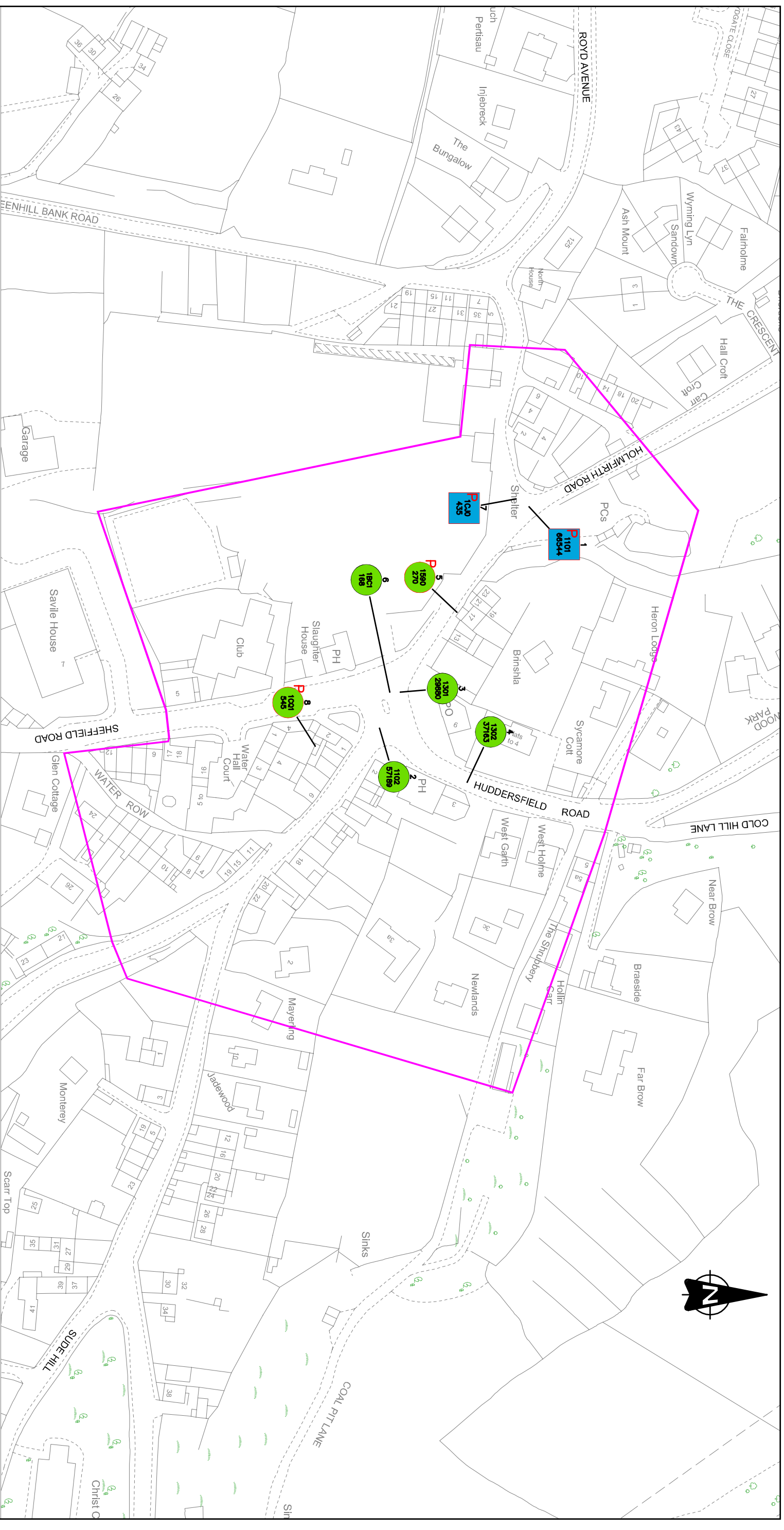
SEVERITY SLIGHT		District Kirklees Ref.No 110465736		Brockholes Junction 5 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 414247 / 408151 Police Officer Attend: Yes	
Date 07/10/2011 Time 19:34 Weather Fine without high winds Road Surface Dry Street Lighting Dark: street lights present and lit		Day Friday		Road A635 Location Station Road/Towngate Jw Dunford Road, Holmfirth		CONTRIBUTORY FACTORS 405 Failed to look properly (Driver/Rider - Error) PARTICIPANT PROBABILITY Vehicle 001 A	
Speed Limit 30 MPH Carriageway Single carriageway Junction Detail T or staggered junction Junction Control Give way or uncontrolled 2nd Road Number B6106 Pedestrian Facilities None within 50 metres Zebra crossing		SITE DETAILS		SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None			
VEHICLES INVOLVED 2				CASUALTIES INVOLVED 1			
Veh.No. 1 Manoeuvre Turning left Veh. direction from Southeast to Southwest Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Entering main road Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Did not impact Veh registration no. Other veh.hit (ref.no) 0 Drivers age ? yrs Sex Not know Breath test Driver not contacted Left Hand Drive Unknown Foreign veh. Not foreign registered vehicle Journey purpose Other		Vehicle type Car Turning left Southeast to Southwest No skidding, jack-knifing or overturning On main carriageway not in restricted lane Entering main road Did not leave carriageway None None Did not impact Other veh.hit (ref.no) 0 Not know Unknown Other		Make Towing? No tow or articulation No tow or articulation On main carriageway not in restricted lane Entering main road Non-stop vehicle Driving Lic Not foreign registered vehicle Model		Cas No 1 Severity SLIGHT Car Passenger? Not a passenger Seat Belt Not applicable Ped Movement Not applicable Ped Location Not applicable Ped Direction to Not applicable School Pupil Other Roadworker injured <u>Other Details</u>	
Veh.No. 2 Manoeuvre Going ahead other Veh. direction from Northeast to Southwest Skidded Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Approaching junction or waiting Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Nearside Veh registration no. Other veh.hit (ref.no) 0 Drivers age 18 yrs Sex Male Left Hand Drive Unknown Journey purpose Other		M/cycle 50 - 125cc Going ahead other Northeast to Southwest Skidded On main carriageway not in restricted lane Approaching junction or waiting Did not leave carriageway None None Nearside Other veh.hit (ref.no) 0 Sex Male Unknown Other		Make Towing? No tow or articulation No tow or articulation On main carriageway not in restricted lane Approaching junction or waiting Not foreign registered vehicle Driving Lic Not hit and run Model		Veh ref No 2 Post code PSV Passenger? Not a passenger Cycle Helmet	
Full Details		28-August-2015		Accident Ref.No 110465736			

SEVERITY SLIGHT		District Kirklees Ref.No 15S1180		Brockholes Junction 5 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 414258 / 408188 Police Officer Attend: Yes	
Date 28/05/2014 Day Wednesday Time 17:53 Weather Raining without high winds Road Surface Wet/Damp Street Lighting Daylight		Road A635 Location A635 Town Gate		Description V1 is parked at the roadside and pulls away, failing to see V2 which is overtaking it. Damage caused to both vehicles and DV2 suffers of Accident slight injury to right knee. Details are exchanged at the scene and V1 leaves prior to police arrival. STATS19 completed due to injury to DV2.			
Speed Limit 30 MPH Carriageway Single carriageway Junction Detail Not at or within 20 metres of junction Junction Control 2nd Road Number Pedestrian Facilities None within 50 metres Zebra crossing		SITE DETAILS		CONTRIBUTORY FACTORS		PARTICIPANT PROBABILITY	
		SPECIAL SITE CONDITIONS None		403 Poor turn or manoeuvre (Driver/Rider - Error)		Vehicle 001 B	
		CARRIAGEWAY HAZARDS None		405 Failed to look properly (Driver/Rider - Error)		Vehicle 001 B	
				707 Rain, sleet, snow or fog (Driver/Rider - Vision Affected)		Vehicle 001 B	
VEHICLES INVOLVED 2				CASUALTIES INVOLVED 1			
Veh.No. 1 Vehicle type Car Manoeuvre Moving off Veh. direction from North to South Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Offside Veh registration no. Other veh.hit (ref.no) 0 Hit and run Not hit and run Drivers age 60 yrs Sex Male Breath test Driver not contacted Driving Lic Left Hand Drive No Foreign veh. Journey purpose Not Known		Make Model		Cas No 1 Cas Class Driver or Rider Veh ref No 2 Severity SLIGHT Age 30 yrs Sex Male Post code Car Passenger? Not a passenger PSV Passenger? Not a passenger Seat Belt Worn but not indepe Cycle Helmet Not a cyclist Ped Movement Not applicable Ped Location Not applicable Ped Direction to Not applicable School Pupil Other Roadworker injured <u>Other Details</u>			
Veh.No. 2 Vehicle type Car Manoeuvre Overtaking stat veh on its offside Veh. direction from North to South Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Nearside Veh registration no. Other veh.hit (ref.no) 0 Hit and run Not hit and run Drivers age 30 yrs Sex Male Breath test Negative Driving Lic Left Hand Drive No Foreign veh. Journey purpose Not Known		Make Model					
Full Details						28-August-2015	
						Accident Ref.No 15S1180	

SEVERITY SLIGHT		District Kirklees Ref.No 17N1279		Brockholes Junction 5 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 414196 / 408179 Police Officer Attend: No - reported over the counter	
Date 23/07/2014 Day Wednesday Time 16:30 Weather Fine without high winds Road Surface Dry Street Lighting Daylight		Road A635 Location Victoria Street Holmfirth		Description This collision is a three vehicle collision in which all three vehicles are travelling in the same direction on Victoria Street, vehicles two and three are queuing in traffic when vehicle one fails to observe the slowing traffic ahead and collides with the rear of vehicle two causing V2 to move forward into the rear of vehicle three. All details were exchanged at the scene with damage being sustained to all three vehicles.			
Speed Limit 30 MPH Carriageway Single carriageway Junction Detail Not at or within 20 metres of junction Junction Control 2nd Road Number Pedestrian Facilities None within 50 metres No physical crossing facility within 50 m		SITE DETAILS		CONTRIBUTORY FACTORS		PARTICIPANT PROBABILITY	
		SPECIAL SITE CONDITIONS None		406 Failed to judge other person's path/speed (Driver/Rider - E Vehicle 001 A			
		CARRIAGEWAY HAZARDS None					
VEHICLES INVOLVED 3				CASUALTIES INVOLVED 1			
Veh.No. 1 Vehicle type Car Manoeuvre Going ahead other Veh. direction from Northwest to Southeast Towing? No tow or articulation Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Front Veh registration no. Other veh.hit (ref.no) 0 Hit and run Not hit and run Drivers age 73 yrs Sex Male Breath test Driver not contacted Driving Lic Left Hand Drive No Foreign veh. Journey purpose Not Known				Cas No 1 Cas Class Driver or Rider Veh ref No 2 Severity SLIGHT Age 59 yrs Sex Male Post code Car Passenger? Not a passenger PSV Passenger? Not a passenger Seat Belt Unknown Cycle Helmet Not a cyclist Ped Movement Not applicable Ped Location Not applicable Ped Direction to Not applicable School Pupil Other Roadworker injured <u>Other Details</u>			
Veh.No. 2 Vehicle type Car Manoeuvre Waiting to go ahead but held up Veh. direction from Northwest to Southeast Towing? No tow or articulation Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Back Veh registration no. Other veh.hit (ref.no) 0 Hit and run Not hit and run Drivers age 59 yrs Sex Male Breath test Driver not contacted Driving Lic Left Hand Drive No Foreign veh. Journey purpose Not Known							
Full Details				28-August-2015			
				Accident Ref.No 17N1279			

Veh.No.	3	Vehicle type	Car	Make	Model
Manoeuvre	Waiting to go ahead but held up				
Veh. direction from	Northwest to Southeast	Towing?	No tow or articulation		
Skidded	No skidding, jack-knifing or overtuning				
Veh location at impact (restricted lane)	On main carriageway not in restricted lane				
Junct. location of veh. at 1st impact	Not at or within 20m of junction				
Veh left carriageway?	Did not leave carriageway				
Hit object in c'way?	None				
Hit object off c'way?	None				
First point of impact	Back				
Veh registration no.	Other veh.hit (ref.no)				
Drivers age ? yrs	Sex	Male	0	Hit and run	
Left Hand Drive	No	Breath test			Driver not contacted
	Foreign veh.				
Journey purpose	Not Known				
	Driving Lic				

SEVERITY SERIOUS		District Kirklees Ref.No 23K0998		Brockholes Junction 5 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 414209 / 408136 Police Officer Attend: Yes	
Date 20/03/2015 Time 15:10 Weather Fine without high winds Road Surface Dry Street Lighting Daylight		Road U Location Hollowgate		Description Vehicle 1 is being driven by a 90 year old gentleman who has left his home address on New Fold and is heading down Hollowgate towards the centre of Holmfirth. The road is a narrow road with no pavements and it is believed at the point of impact or just prior to the point of impact a unknown vehicle was travelling in the opposite direction. The injured party is walking on the drivers nearside also towards			
Speed Limit 30 MPH Carriageway Single carriageway Junction Detail Not at or within 20 metres of junction Junction Control 2nd Road Number Pedestrian Facilities None within 50 metres No physical crossing facility within 50 m		SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None		CONTRIBUTORY FACTORS 405 Failed to look properly (Driver/Rider - Error) Vehicle 001 B 406 Failed to judge other person's path/speed (Driver/Rider - E Vehicle 001 B 802 Failed to look properly (Pedestrian) Casualty 001 B			
VEHICLES INVOLVED 1		CASUALTIES INVOLVED 1					
Veh.No. 1 Vehicle type Car Manoeuvre Going ahead other Veh. direction from Southwest to Northeast Towing? No tow or articulation Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Nearside Veh registration no. Other veh.hit (ref.no) 0 Hit and run Not hit and run Drivers age 90 yrs Sex Male Breath test Negative Driving Lic Left Hand Drive No Foreign veh. Journey purpose Other		Make Model		Cas No 1 Cas Class Pedestrian Veh ref No 1 Severity SERIOUS Age 59 yrs Sex Male Post code Car Passenger? Not a passenger PSV Passenger? Not a passenger Seat Belt Not applicable Cycle Helmet Not a cyclist Ped Movement Walking - back to traffic Ped Location In carriageway, not crossing Ped Direction to Northwest bound School Pupil Other Roadworker injured Not applicable Other Details			
Full Details		28-August-2015		Accident Ref.No 23K0998			



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Ordnance Survey 100019241

 Kirklees council	Project		20010492 Brockholes Junction 4 Frontage
	Scale		
Streetscene & Housing Flint Street, Fartown Huddersfield, HD1 6LG	Title		Accident data 01-08-2010 to 31-07-2015
	Section		
	Safety	Date	
	Drawing No.	Aug 15	
		Drawn	Checked
		PW	

SEVERITY SERIOUS		District Kirklees Ref.No 110166544		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416224 / 408889 Police Officer Attend: Yes	
Date 10/04/2011 Time 00:45 Weather Fine without high winds Road Surface Dry Street Lighting Dark: street lights present and lit		10/04/2011 Day Sunday 00:45 Fine without high winds Dry Dark: street lights present and lit		Road A635 Location Holmfirth Road Jw Greenhill Bank Road, Holmfirth		Two Pedestrians Who Were Well in Drink Were Standing in the Road Just Around a Sharp Corner Jnct to the Left. an Unknown Vehicle 1 of Accident Turned left & Collided with the Pedestrians then Made Off.	
Speed Limit 30 MPH Carriageway Single carriageway Junction Detail T or staggered junction Junction Control Give way or uncontrolled 2nd Road Number U Pedestrian Facilities None within 50 metres No physical crossing facility within 50 m		SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None		CONTRIBUTORY FACTORS 805 Dangerous action in carriageway (Pedestrian) 805 Dangerous action in carriageway (Pedestrian) 806 Impaired by alcohol (Pedestrian) 806 Impaired by alcohol (Pedestrian)		PARTICIPANT PROBABILITY Casualty 001 A Casualty 002 A Casualty 001 A Casualty 002 A	
VEHICLES INVOLVED 1		CASUALTIES INVOLVED 2					
Veh.No. 1 Vehicle type Car Manoeuvre Turning left Veh. direction from South to West Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Leaving main road Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Front Veh registration no. Sex Not know Other veh.hit (ref.no) 0 Hit and run Drivers age ? yrs Breath test Driver not contacted Driving Lic Left Hand Drive Unknown Foreign veh. Not foreign registered vehicle Journey purpose Other		Make Model Towing? No tow or articulation		Cas No 1 Cas Class Pedestrian Veh ref No 1 Severity SERIOUS Age 29 yrs Sex Male Post code Car Passenger? Not a passenger PSV Passenger? Not a passenger Seat Belt Not applicable Cycle Helmet Ped Movement In carriageway - not crossing Ped Location In carriageway, not crossing Ped Direction to Unknown School Pupil Other Roadworker injured Not applicable			
				Cas No 2 Cas Class Pedestrian Veh ref No 1 Severity SLIGHT Age 41 yrs Sex Male Post code Car Passenger? Not a passenger PSV Passenger? Not a passenger Seat Belt Not applicable Cycle Helmet Ped Movement In carriageway - not crossing Ped Location In carriageway, not crossing Ped Direction to Unknown School Pupil Other Roadworker injured Not applicable			
				<u>Other Details</u>			
Full Details		28-August-2015		Accident Ref.No 110166544			

SEVERITY SLIGHT		District Kirklees Ref.No 110257189		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416310 / 408831 Police Officer Attend: No - reported over the counter	
Date 03/06/2011 Time 15:20 Weather Fine without high winds Road Surface Dry Street Lighting Daylight		Day Friday		Road A635 Location Penistone Road Jw Huddersfield Road, New Mill, Holmfirth		CONTRIBUTORY FACTORS 405 Failed to look properly (Driver/Rider - Error) Vehicle 001 A	
Speed Limit 30 MPH Carriageway Single carriageway Junction Detail T or staggered junction Junction Control Give way or uncontrolled 2nd Road Number A616 Pedestrian Facilities None within 50 metres No physical crossing facility within 50 m		SPECIAL SITE CONDITIONS None		PARTICIPANT PROBABILITY			
		CARRIAGEWAY HAZARDS None					
VEHICLES INVOLVED 2				CASUALTIES INVOLVED 1			
Veh.No. 1 Manoeuvre Moving off Veh. direction from North to South Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Entering main road Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Offside Veh registration no. Other veh.hit (ref.no) 2 Drivers age 79 yrs Sex Female Breath test Driver not contacted Driving Lic Left Hand Drive Unknown Foreign veh. Not foreign registered vehicle Journey purpose Other		Vehicle type Car Moving off North to South No skidding, jack-knifing or overturning On main carriageway not in restricted lane Entering main road Did not leave carriageway None None Offside Female Unknown Other		Make Towing? No tow or articulation Model		Cas No 1 Severity SLIGHT Car Passenger? Not a passenger Seat Belt Not applicable Ped Movement Not applicable Ped Location Not applicable Ped Direction to Not applicable School Pupil Other Roadworker injured <u>Other Details</u>	
Veh.No. 2 Manoeuvre Turning right Veh. direction from West to East Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Cleared junction or waiting Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Front Veh registration no. Other veh.hit (ref.no) 1 Drivers age 32 yrs Sex Female Breath test Not Applicable Driving Lic Left Hand Drive Unknown Foreign veh. Not foreign registered vehicle Journey purpose Other		Vehicle type Pedal Cycle Turning right West to East No skidding, jack-knifing or overturning On main carriageway not in restricted lane Cleared junction or waiting Did not leave carriageway None None Front Female Unknown Other		Make Towing? No tow or articulation Model		Hit and run Not hit and run Driving Lic Not hit and run	
Full Details				28-August-2015		Accident Ref.No 110257189	

SEVERITY SLIGHT		District Kirklees Ref.No 130129880		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416296 / 408839 Police Officer Attend: No - reported over the counter	
Date Time Weather Road Surface Street Lighting	01/03/2013 Day Friday 14:00 Fine without high winds Dry Daylight		Road A616 Location Sheffield Road at Junction with Holmfirth Road, Holmfirth. Description V2 was Travelling Sheffield Road from the Direction of Hepworth Towards New Mill,Holmfirth. the Driver Slowed Down, Coming to a of Accident Stop & Indicated his Intention to right into Penistone Road. V1 was Travelling Directly Behind & Has Collided with the Rear of V2.				
Speed Limit Carriageway Junction Detail Junction Control 2nd Road Number Pedestrian Facilities	SITE DETAILS 30 MPH Single carriageway Crossroads Automatic traffic signal A635 None within 50 metres No physical crossing facility within 50 m		SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None		CONTRIBUTORY FACTORS 306 Exceeding speed limit (Driver/Rider - Injudicious) 405 Failed to look properly (Driver/Rider - Error) 509 Distraction in vehicle (Driver/Rider - Impairment)		
VEHICLES INVOLVED 2			CASUALTIES INVOLVED 2				
Veh.No. 1 Vehicle type Car Manoeuvre Waiting to turn right Veh. direction from South to North Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Approaching junction or waiting Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Back Veh registration no. Drivers age ? yrs Sex Male Left Hand Drive Unknown Journey purpose Other			Make Towing? No tow or articulation 				

SEVERITY SLIGHT		District Kirklees Ref.No 130237163		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416331 / 408865 Police Officer Attend: Yes									
Date 08/06/2013 Time 12:32 Weather Fine without high winds Road Surface Dry Street Lighting Daylight		Day Saturday		Road A616 Location Huddersfield Road at House Number 3, New Mill, Holmfirth.		CONTRIBUTORY FACTORS		PARTICIPANT PROBABILITY							
Description Veh 3 Has Come to a Stop in a Queue of Traffic in Front of Veh 2. Veh 2 Has Not Come to a Stop and Driven into the Rear of Veh 3 of Accident which Has Pushed Veh 3 into Veh 1															
SPECIAL SITE CONDITIONS None		CARRIAGEWAY HAZARDS None													
VEHICLES INVOLVED 3								CASUALTIES INVOLVED 1							
Veh.No. 1 Manoeuvre Waiting to go ahead but held up Veh. direction from North to North Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Back Veh registration no. Other veh.hit (ref.no) 3 Drivers age 48 yrs Sex Female Breath test Not requested Left Hand Drive Unknown Foreign veh. Not foreign registered vehicle Journey purpose Other		Vehicle type Car		Make		Model		Cas No 1 Severity SLIGHT Car Passenger? Not a passenger Seat Belt Not applicable Ped Movement Not applicable Ped Location Not applicable Ped Direction to Not applicable School Pupil Other Roadworker injured <u>Other Details</u>		Cas Class Driver or Rider Age 20 yrs Sex Female PSV Passenger? Not a passenger Cycle Helmet Post code 2					
Veh.No. 2 Manoeuvre Slowing or stopping Veh. direction from North to North Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Front Veh registration no. Other veh.hit (ref.no) 3 Drivers age 20 yrs Sex Female Breath test Not requested Left Hand Drive Unknown Foreign veh. Not foreign registered vehicle Journey purpose Other		Vehicle type Car		Make		Model									
Full Details												28-August-2015		Accident Ref.No 130237163	

Veh.No.	3	Vehicle type Car		Make	Model
Manoeuvre	Slowing or stopping				
Veh. direction from	North to North	Towing?		No tow or articulation	
Skidded	No skidding, jack-knifing or overturning				
Veh location at impact (restricted lane)	On main carriageway not in restricted lane				
Junct. location of veh. at 1st impact	Not at or within 20m of junction				
Veh left carriageway?	Did not leave carriageway				
Hit object in c'way?	None				
Hit object off c'way?	None				
First point of impact	Back				
Veh registration no.	Other veh.hit (ref.no)		2	Hit and run	
Drivers age	88 yrs	Sex	Female	Breath test	Not requested
Left Hand Drive	Unknown		Foreign veh. Not foreign registered vehicle		
Journey purpose	Other				

SEVERITY SLIGHT		District Kirklees Ref.No 1590270		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416265 / 408861 Police Officer Attend: Yes	
Date 09/05/2014 Time 08:15 Weather Raining without high winds Road Surface Wet/Damp Street Lighting Daylight		Day Friday		Road A635 Location A635 Holmfirth Road		Description Single vehicle (V001) v Pedestrian who is the I/P. V001 was in slow moving traffic upon approach to a zebra crossing at locus. The I/P of Accident approached the crossing from the nearside when a vehicle on the opposite side of the carriageway stopped at the crossing and both the I/P and the driver of V001 appear to have set off at the same time with the I/P coming into contact with V001 with his right leg and the	
SPEED LIMIT 30 MPH CARRIAGEWAY Single carriageway JUNCTION Detail Not at or within 20 metres of junction JUNCTION Control 2nd Road Number PEDESTRIAN Facilities None within 50 metres Zebra crossing		SPECIAL SITE CONDITIONS None		CONTRIBUTORY FACTORS 405 Failed to look properly (Driver/Rider - Error)			
		CARRIAGEWAY HAZARDS None		PARTICIPANT PROBABILITY Vehicle 001 A			
VEHICLES INVOLVED 1				CASUALTIES INVOLVED 1			
Veh.No. 1 Manoeuvre Going ahead other Veh. direction from Southeast to Northwest Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Not at or within 20m of junction Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Nearside Veh registration no. Other veh.hit (ref.no) 0 Drivers age 53 yrs Sex Female Breath test Not requested Left Hand Drive No Foreign veh. Journey purpose Not Known		Make Model Towing? No tow or articulation		Cas No 1 Severity SLIGHT Car Passenger? Not a passenger Seat Belt Not applicable Ped Movement Crossing from driver's nearside Ped Location On ped. crossing facility Ped Direction to Northeast bound School Pupil Other Roadworker injured Not applicable <u>Other Details</u>			
Full Details				28-August-2015		Accident Ref.No 1590270	

SEVERITY SLIGHT		District Kirklees Ref.No IBC1168		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416296 / 408835 Police Officer Attend: Yes	
Date 12/11/2014 Day Wednesday Time 17:30 Weather Fine without high winds Road Surface Wet/Damp Street Lighting Dark: street lights present and lit		Road A616 Location Junction of A616 Sheffield Road and A635 Penistone Road		Description I did not witness this incident however from speaking to all involved it would appear that there is 3 M/V involved in this collision, MV 1 is of Accident a Honda Civic travelling from Holmfirth towards Jackson Bridge on Sheffield Road, MV 2 is travelling down Penistone Road towards the junction of Sheffield Road. MV 3 is parked on Sheffield road on the Jackson Bridge side of the Junction, facing Jackson Bridge. MV 2			
SITE DETAILS Speed Limit 30 MPH Carriageway Single carriageway Junction Detail Crossroads Junction Control Give way or uncontrolled 2nd Road Number A635 Pedestrian Facilities None within 50 metres No physical crossing facility within 50 m		SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None					
VEHICLES INVOLVED 3						CASUALTIES INVOLVED 1	
Veh.No. 1 Manoeuvr Going ahead other Veh. direction from Northwest to South Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Approaching junction or waiting Veh left carriageway? Left carriageway nearside Hit object in c'way? None Hit object off c'way? None First point of impact Did not impact Veh registration no. Other veh.hit (ref.no) 0 Drivers age 23 yrs Sex Male Breath test Negative Left Hand Drive No Foreign veh. Journey purpose Commuting to/from work		Make Model		Cas No 1 Severity SLIGHT Car Passenger? Not a passenger Seat Belt Worn but not indepe Ped Movement Not applicable Ped Location Not applicable Ped Direction to Not applicable School Pupil Other Roadworker injured		Driver or Rider Age 23 yrs Sex Male Post code PSV Passenger? Not a passenger Cycle Helmet Not a cyclist	
Veh.No. 2 Manoeuvr Turning right Veh. direction from Southeast to Northwest Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Approaching junction or waiting Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Front Veh registration no. Other veh.hit (ref.no) 0 Drivers age 64 yrs Sex Male Breath test Negative Left Hand Drive No Foreign veh. Journey purpose Journey as part of work		Make Model		Other Details			
Full Details						28-August-2015	
						Accident Ref.No IBC1168	

Full Details	28-August-2015	Accident Ref.No 1BC1168
--------------	----------------	-------------------------

Veh.No.	3	Vehicle type	Car	Make	Model
Manoeuvre	Parked				
Veh. direction from	Parked to Parked	Towing?	No tow or articulation		
Skidded	No skidding, jack-knifing or overturning				
Veh location at impact	(restricted lane)	On main carriageway	not in restricted lane		
Junct. location of veh. at 1st impact	Mid junction	- on roundabout	or main road		
Veh left carriageway?	Did not leave carriageway				
Hit object in c'way?	None				
Hit object off c'way?	None				
First point of impact	Did not impact				
Veh registration no.		Other veh.hit (ref.no)	0	Hit and run	Not hit and run
Drivers age	? yrs	Sex	Not know	Breath test	Not requested
Left Hand Drive	No		Foreign veh.		
Journey purpose	Not Known				

SEVERITY SERIOUS		District Kirklees Ref.No 1CJ0435		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416221 / 408884 Police Officer Attend: Yes	
Date 19/12/2014 Time 10:24 Weather Fine without high winds Road Surface Wet/Damp Street Lighting Daylight		Road U Description 6222 reports The collision involves one vehicle and one pedestrian. The vehicle has travelled along HOLMFIRTH ROAD which is a of Accident single carriageway subject to a 30 MPH limit. The vehicle at the junction of HOLMFIRTH LANE and GREENHILL BANK ROAD has turned right. The iniured party has been crossing the road in a North bound direction. The offside wing mirror of the vehicle has collided		Location Junction of Holmfirth Road and Greenhill Bank Road		CONTRIBUTORY FACTORS 403 Poor turn or manoeuvre (Driver/Rider - Error) Vehicle 001 A 405 Failed to look properly (Driver/Rider - Error) Vehicle 001 A PARTICIPANT PROBABILITY	
SITE DETAILS Speed Limit 30 MPH Carriageway Single carriageway Junction Detail T or staggered junction Junction Control Give way or uncontrolled 2nd Road Number U Pedestrian Facilities None within 50 metres No physical crossing facility within 50 m		SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None					
VEHICLES INVOLVED 1				CASUALTIES INVOLVED 1			
Veh.No. 1 Manoeuvre Turning right Veh. direction from North to West Skidded No skidding, jack-knifing or overturning Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Mid junction - on roundabout or main road Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Offside Veh registration no. Other veh.hit (ref.no) Drivers age 49 yrs Sex Male Left Hand Drive No Journey purpose Other		Make Towing? No tow or articulation Model Hit and run Not hit and run Driving Lic		Cas No 1 Severity SERIOUS Car Passenger? Not a passenger Seat Belt Not applicable Ped Movement Crossing from driver's nearside Ped Location In carriageway, crossing elsewhere Ped Direction to Northbound School Pupil Other Roadworker injured Not applicable <u>Other Details</u>		Veh ref No 1 Post code PSV Passenger? Not a passenger Cycle Helmet Not a cyclist	
Full Details		28-August-2015		Accident Ref.No 1CJ0435			

SEVERITY SLIGHT		District Kirklees Ref.No 1CQ1545		Brockholes Junction 4 Frontage - 01/08/2010 to 31/07/2015		Grid Reference 416317 / 408806 Police Officer Attend: Yes	
Date 26/12/2014 Time 15:45 Weather Snowing without high winds Road Surface Frost/Ice Street Lighting Dark: street lights present and lit		26/12/2014 Day Friday 15:45 Snowing without high winds Frost/Ice Dark: street lights present and lit		Road A616 Location Junction of A616 Sheffield Road and A635 Penistone Road		CONTRIBUTORY FACTORS 103 Slippery road due to weather (Road Environment Contrib) Vehicle 001 B PARTICIPANT PROBABILITY	
Speed Limit 30 MPH Carriageway Single carriageway Junction Detail T or staggered junction Junction Control Give way or uncontrolled 2nd Road Number A635 Pedestrian Facilities None within 50 metres		SPECIAL SITE CONDITIONS None CARRIAGEWAY HAZARDS None					
No physical crossing facility within 50 m							
VEHICLES INVOLVED 1				CASUALTIES INVOLVED 1			
Veh.No. 1 Manoeuvre Going ahead other Veh. direction from South to North Skidded Skidded Veh location at impact (restricted lane) On main carriageway not in restricted lane Junct. location of veh. at 1st impact Mid junction - on roundabout or main road Veh left carriageway? Did not leave carriageway Hit object in c'way? None Hit object off c'way? None First point of impact Front Veh registration no. Other veh.hit (ref.no) 0 Drivers age ? yrs Sex Not know Breath test Driver not contacted Left Hand Drive No Foreign veh. Journey purpose Not Known		Make Towing? No tow or articulation Model		Cas No 1 Severity SLIGHT Car Passenger? Not a passenger Seat Belt Not applicable Ped Movement Crossing from driver's offside Ped Location In carriageway, crossing elsewhere Ped Direction to West bound School Pupil Other Roadworker injured Not applicable <u>Other Details</u>			
Full Details				28-August-2015		Accident Ref.No 1CQ1545	

Appendix H

MODE SPLIT DATA

Method of Travel to Work (QS701EW)

Holme Valley North					
			Ward		
Train	Count	Persons	Mar-11	223	3%
Bus, Minibus or Coach	Count	Persons	Mar-11	552	7%
Motorcycle, Scooter or Moped	Count	Persons	Mar-11	57	1%
Driving a Car or Van	Count	Persons	Mar-11	5646	73%
Passenger in a Car or Van	Count	Persons	Mar-11	450	6%
Bicycle	Count	Persons	Mar-11	90	1%
On Foot	Count	Persons	Mar-11	686	9%
				7704	

Appendix I

MSOA JOURNEY TO WORK CENSUS DATA AND MSOA MAP

WU03EW - Location of usual residence and place of work by method of travel to work (MSOA level)

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Population :

Units :

Date :

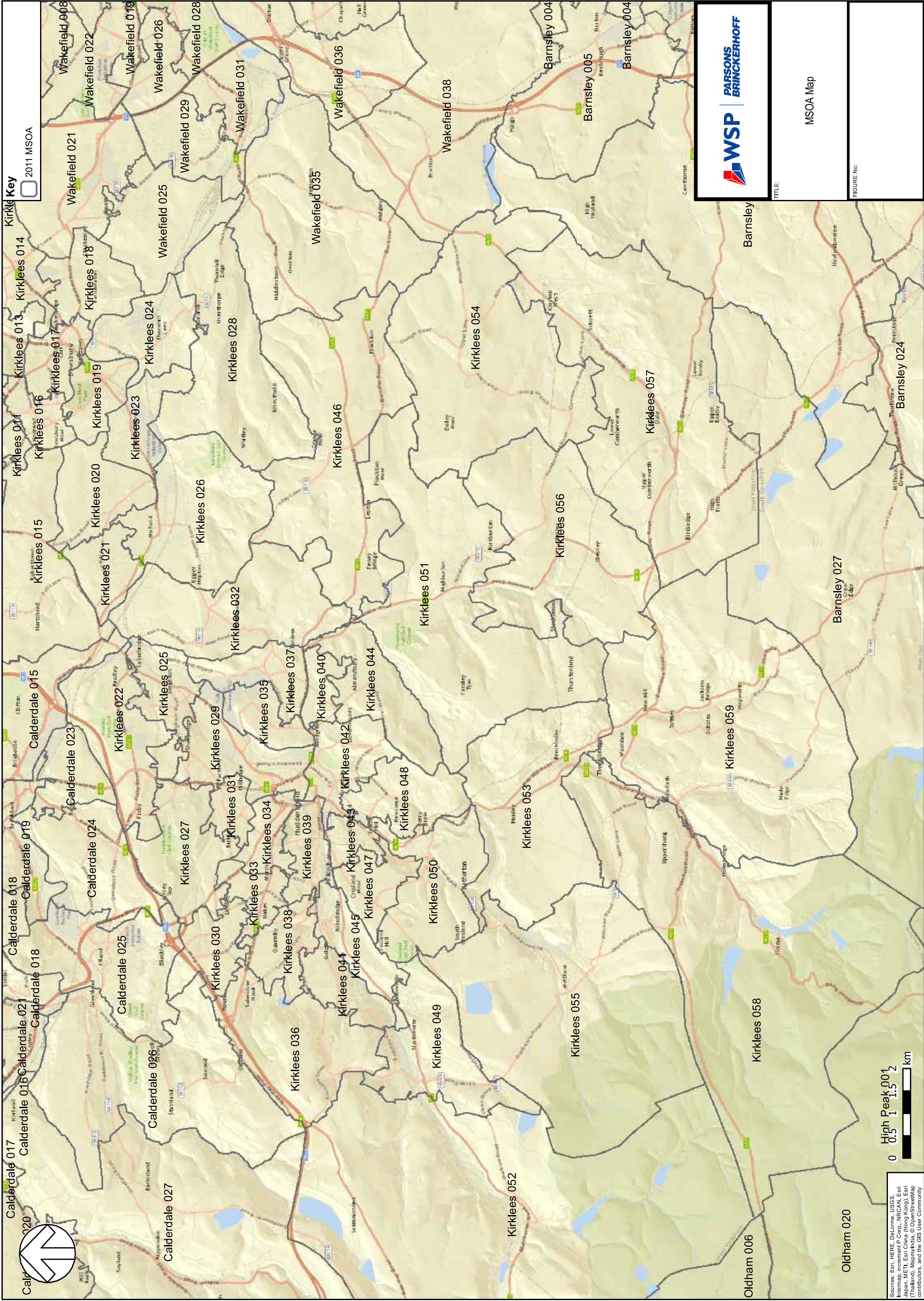
usual residence : Kirklees 053 (2011 super output area - middle layer)

place of work : 2011 super output area -
middle layer

Driving a car or van

Percentage of total

Kirklees 029	235	14%
Kirklees 053	152	9%
Kirklees 042	138	8%
Kirklees 059	120	7%
Kirklees 055	85	5%
Kirklees 033	76	4%
Kirklees 058	65	4%
Kirklees 034	50	3%
Leeds 111	48	3%
Kirklees 049	46	3%
Kirklees 045	43	3%
Kirklees 039	42	2%
Kirklees 043	39	2%
Calderdale 008	38	2%
Kirklees 048	35	2%
Kirklees 051	34	2%
Kirklees 057	29	2%
Kirklees 025	28	2%
Kirklees 050	26	2%
Kirklees 056	25	1%
Kirklees 031	25	1%
Calderdale 021	23	1%
Calderdale 025	23	1%
Kirklees 047	22	1%
Kirklees 022	21	1%
Kirklees 054	19	1%
Kirklees 032	19	1%
Kirklees 052	19	1%
Kirklees 017	19	1%
Kirklees 041	16	1%
Kirklees 046	16	1%
Calderdale 015	16	1%
Kirklees 038	15	1%
Kirklees 037	15	1%
Kirklees 026	15	1%
Calderdale 016	14	1%
Wakefield 014	14	1%
Calderdale 019	13	1%
Leeds 112	13	1%
	1691	



Appendix J

PROPOSED SITE ACCESS JUNCTION8 MODEL OUTPUT

Junctions 8

PICADY 8 - Priority Intersection Module

Version: 8.0.4.487 [15039,24/03/2014]

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Filename: Site Access.arc8

Path: Z:\70006562 - Brockholes\D Design and Analysis\Development\PICADY

Report generation date: 30/09/2015 11:28:02

« Site Access - Base 2020 + Committed + Development, PM

- » Junction Network
- » Arms
- » Traffic Flows
- » Entry Flows
- » Turning Proportions
- » Vehicle Mix
- » Results

Summary of junction performance

	AM				PM			
	Queue (PCU)	Delay (s)	RFC	LOS	Queue (PCU)	Delay (s)	RFC	LOS
	Site Access - Base 2015							
Stream B-C	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream B-A	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream C-AB	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream C-A	-	-	-	-	-	-	-	-
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-
	Site Access - Base 2015 + Committed							
Stream B-C	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream B-A	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream C-AB	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream C-A	-	-	-	-	-	-	-	-
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-
	Site Access - Base 2015 + Committed + Development							
Stream B-C	0.02	6.80	0.02	A	0.02	7.29	0.02	A
Stream B-A	0.16	8.86	0.14	A	0.10	9.46	0.09	A
Stream C-AB	0.01	6.11	0.01	A	0.03	6.82	0.02	A
Stream C-A	-	-	-	-	-	-	-	-
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-
	Site Access - Base 2020 + Committed							
Stream B-C	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream B-A	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream C-AB	0.00	0.00	0.00	A	0.00	0.00	0.00	A
Stream C-A	-	-	-	-	-	-	-	-
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-
	Site Access - Base 2020 + Committed + Development							
Stream B-C	0.03	6.87	0.02	A	0.02	7.38	0.02	A
Stream B-A	0.16	9.10	0.14	A	0.10	9.73	0.09	A
Stream C-AB	0.01	6.17	0.01	A	0.03	6.90	0.03	A
Stream C-A	-	-	-	-	-	-	-	-
Stream A-B	-	-	-	-	-	-	-	-
Stream A-C	-	-	-	-	-	-	-	-

Values shown are the maximum values over all time segments. Delay is the maximum value of average delay per arriving vehicle.

"D1 - Base 2015, AM" model duration: 07:45 - 09:15

"D2 - Base 2015, PM" model duration: 16:45 - 18:15

"D3 - Base 2015 + Committed, AM" model duration: 07:45 - 09:15

"D4 - Base 2015 + Committed, PM" model duration: 16:45 - 18:15

"D5 - Base 2020 + Committed, AM" model duration: 07:45 - 09:15

"D6 - Base 2020 + Committed, PM" model duration: 16:45 - 18:15

"D7 - Base 2015 + Committed + Development, AM" model duration: 07:45 - 09:15

"D8 - Base 2015 + Committed + Development, PM" model duration: 16:45 - 18:15

"D9 - Base 2020 + Committed + Development, AM" model duration: 07:45 - 09:15

"D10 - Base 2020 + Committed + Development, PM" model duration: 16:45 - 18:15

Run using Junctions 8.0.4.487 at 30/09/2015 11:28:01

File summary

Title	(untitled)
Location	
Site Number	
Date	28/09/2015
Version	
Status	(new file)
Identifier	
Client	
Jobnumber	
Enumerator	UKSEC002
Description	

Analysis Options

Vehicle Length (m)	Do Queue Variations	Calculate Residual Capacity	Residual Capacity Criteria Type	RFC Threshold	Average Delay Threshold (s)	Queue Threshold (PCU)
5.75			N/A	0.85	36.00	20.00

Units

Distance Units	Speed Units	Traffic Units Input	Traffic Units Results	Flow Units	Average Delay Units	Total Delay Units	Rate Of Delay Units
m	kph	PCU	PCU	perHour	s	-Min	perMin

Site Access - Base 2020 + Committed + Development, PM

Data Errors and Warnings

No errors or warnings

Analysis Set Details

Name	Roundabout Capacity Model	Description	Locked	Network Flow Scaling Factor (%)	Reason For Scaling Factors
Site Access	N/A			100.000	

Demand Set Details

Name	Scenario Name	Time Period Name	Description	Traffic Profile Type	Model Start Time (HH:mm)	Model Finish Time (HH:mm)	Model Time Period Length (min)	Time Segment Length (min)	Single Time Segment Only	Locked
Base 2020 + Committed + Development, PM	Base 2020 + Committed + Development	PM		ONE HOUR	16:45	18:15	90	15		

Junction Network

Junctions

Junction	Name	Junction Type	Major Road Direction	Arm Order	Junction Delay (s)	Junction LOS
1	(untitled)	T-Junction	Two-way	A,B,C	8.77	A

Junction Network Options

Driving Side	Lighting
Left	Normal/unknown

Arms

Arms

Arm	Arm	Name	Description	Arm Type
A	A	Woodhead Road North		Major
B	B	Site Access		Minor
C	C	Woodhead Road South		Major

Major Arm Geometry

Arm	Width of carriageway (m)	Has kerbed central reserve	Width of kerbed central reserve (m)	Has right turn bay	Width For Right Turn (m)	Visibility For Right Turn (m)	Blocks?	Blocking Queue (PCU)
C	6.50		0.00		2.20	200.00	✓	1.00

Geometries for Arm C are measured opposite Arm B. Geometries for Arm A (if relevant) are measured opposite Arm D.

Minor Arm Geometry

Arm	Minor Arm Type	Lane Width (m)	Lane Width (Left) (m)	Lane Width (Right) (m)	Width at give-way (m)	Width at 5m (m)	Width at 10m (m)	Width at 15m (m)	Width at 20m (m)	Estimate Flare Length	Flare Length (PCU)	Visibility To Left (m)	Visibility To Right (m)
B	One lane plus flare				10.00	9.00	5.00	4.50	4.50	✓	3.00	120	120

Slope / Intercept / Capacity

Priority Intersection Slopes and Intercepts

Junction	Stream	Intercept (PCU/hr)	Slope for A-B	Slope for A-C	Slope for C-A	Slope for C-B
1	B-A	652.123	0.116	0.294	0.185	0.420
1	B-C	651.925	0.098	0.247	-	-
1	C-B	689.785	0.261	0.261	-	-

The slopes and intercepts shown above do NOT include any corrections or adjustments.

Streams may be combined, in which case capacity will be adjusted.

Values are shown for the first time segment only; they may differ for subsequent time segments.

Traffic Flows

Demand Set Data Options

Default Vehicle Mix	Vehicle Mix Varies Over Time	Vehicle Mix Varies Over Turn	Vehicle Mix Varies Over Entry	Vehicle Mix Source	PCU Factor for a HV (PCU)	Default Turning Proportions	Estimate from entry/exit counts	Turning Proportions Vary Over Time	Turning Proportions Vary Over Turn	Turning Proportions Vary Over Entry
		✓	✓	HV Percentages	2.00				✓	✓



Entry Flows

General Flows Data

Arm	Profile Type	Use Turning Counts	Average Demand Flow (PCU/hr)	Flow Scaling Factor (%)
A	ONE HOUR	✓	561.00	100.000
B	ONE HOUR	✓	43.00	100.000
C	ONE HOUR	✓	345.00	100.000

Turning Proportions

Turning Counts / Proportions (PCU/hr) - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.000	56.000	505.000
	B	35.000	0.000	8.000
	C	333.000	12.000	0.000

Turning Proportions (PCU) - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.00	0.10	0.90
	B	0.81	0.00	0.19
	C	0.97	0.03	0.00

Vehicle Mix

Average PCU Per Vehicle - Junction 1 (for whole period)

	To			
From		A	B	C
	A	1.000	1.000	1.000
	B	1.000	1.000	1.000
	C	1.000	1.000	1.000

Heavy Vehicle Percentages - Junction 1 (for whole period)

	To			
From		A	B	C
	A	0.0	0.0	0.0
	B	0.0	0.0	0.0
	C	0.0	0.0	0.0

Results

Results Summary for whole modelled period

Stream	Max RFC	Max Delay (s)	Max Queue (PCU)	Max LOS
B-C	0.02	7.38	0.02	A
B-A	0.09	9.73	0.10	A
C-AB	0.03	6.90	0.03	A
C-A	-	-	-	-
A-B	-	-	-	-
A-C	-	-	-	-

Main Results for each time segment

Main results: (16:45-17:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-C	6.02	5.98	0.00	546.34	0.011	0.01	6.661	A
B-A	26.35	26.12	0.00	485.46	0.054	0.06	7.833	A
C-AB	9.10	9.03	0.00	582.01	0.016	0.02	6.282	A
C-A	250.64	250.64	0.00	-	-	-	-	-
A-B	42.16	42.16	0.00	-	-	-	-	-
A-C	380.19	380.19	0.00	-	-	-	-	-

Main results: (17:00-17:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-C	7.19	7.18	0.00	525.45	0.014	0.01	6.945	A
B-A	31.46	31.40	0.00	453.10	0.069	0.07	8.536	A
C-AB	10.90	10.88	0.00	561.91	0.019	0.02	6.532	A
C-A	299.25	299.25	0.00	-	-	-	-	-
A-B	50.34	50.34	0.00	-	-	-	-	-
A-C	453.98	453.98	0.00	-	-	-	-	-

Main results: (17:15-17:30)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-C	8.81	8.79	0.00	496.39	0.018	0.02	7.382	A
B-A	38.54	38.42	0.00	408.37	0.094	0.10	9.727	A
C-AB	13.44	13.42	0.00	534.74	0.025	0.03	6.904	A
C-A	366.41	366.41	0.00	-	-	-	-	-
A-B	61.66	61.66	0.00	-	-	-	-	-
A-C	556.02	556.02	0.00	-	-	-	-	-

Main results: (17:30-17:45)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-C	8.81	8.81	0.00	496.32	0.018	0.02	7.383	A
B-A	38.54	38.53	0.00	408.38	0.094	0.10	9.733	A
C-AB	13.44	13.44	0.00	534.74	0.025	0.03	6.904	A
C-A	366.41	366.41	0.00	-	-	-	-	-
A-B	61.66	61.66	0.00	-	-	-	-	-
A-C	556.02	556.02	0.00	-	-	-	-	-

Main results: (17:45-18:00)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-C	7.19	7.21	0.00	525.34	0.014	0.01	6.950	A
B-A	31.46	31.58	0.00	453.12	0.069	0.08	8.542	A
C-AB	10.90	10.92	0.00	561.91	0.019	0.02	6.533	A
C-A	299.25	299.25	0.00	-	-	-	-	-
A-B	50.34	50.34	0.00	-	-	-	-	-
A-C	453.98	453.98	0.00	-	-	-	-	-

Main results: (18:00-18:15)

Stream	Total Demand (PCU/hr)	Entry Flow (PCU/hr)	Pedestrian Demand (Ped/hr)	Capacity (PCU/hr)	RFC	End Queue (PCU)	Delay (s)	LOS
B-C	6.02	6.03	0.00	546.21	0.011	0.01	6.666	A
B-A	26.35	26.42	0.00	485.46	0.054	0.06	7.844	A
C-AB	9.10	9.11	0.00	582.01	0.016	0.02	6.283	A
C-A	250.64	250.64	0.00	-	-	-	-	-
A-B	42.16	42.16	0.00	-	-	-	-	-
A-C	380.19	380.19	0.00	-	-	-	-	-