

Route Risk Assessment

Service N107 Edinburgh Haymarket - Dunbar East Coast Buses Garage

Provide details of any identified problems/ issues and any control measures/special arrangements undertaken including vehicle type restrictions etc on separate sheet if required			Summarise details & locations	Likely impact of non-competent performance	Summary Controls	Location specific awareness information/training provided	Route learning will be provided to all drivers	Drivers encouraged to report concerns/problems	Control/COB/Drivers engaged in monitoring/improvement	(Task performed competently)			Other - please detail	Resultant route risk level		
Do Any of the Statements listed below have any relevance to the route under review? <i>Tick as appropriate</i>	Yes	No								Severity	Likelihood	Risk rating		Intolerable	Undesirable	Tolerable
Driver has sufficient visibility at any road junctions and/or roundabouts?	✓		Sufficient visibility at all road junctions and roundabouts	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3		3		
The route is free from overhanging branches or (or potential) on the route?	✓		There were no issues with overhanging branches or bushes on route at time of assessment. Past incident at Haddington Road Musselburgh	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, Driver reporting procedure for on route hazards, traffic circulars developed and information posted in garages, route driven by qualified PCV drivers, risk awareness.	YES	YES	YES	YES	1	2	3		3		
Bus lanes bus / bus stops / roads appropriately defined & marked - Free from indiscriminate parking?		✓	Newhailes Rd, Haddington to Dunbar (Duration bus stop no markings), West Barns Inn Bus Stop (Indiscriminate Parking), Dunbar High Street (Indiscriminate Parking).	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3		3		
Road restrictions or traffic speed/control measures visible and can be traversed safely (e.g. road humps)?	✓		All measures clearly visible throughout the route.	Driver speeding, vehicle damage, uncomfortable journey for passengers	Qualified PCV drivers, risk aware, customer engagement awareness	YES	YES	YES	YES	1	1	2		2		
Timings reflect any congestion issues	✓		Night service operating between 00.00 - 04.30	Drivers not operating to schedules, Drivers not trained, accidents,	Published service timetable, drivers have time board and AVL system within cab to inform when operating early/late, Qualified drivers, risk aware	YES	YES	YES	YES	1	1	2		2		
Route (incl off service routes & normal diversions) suitable for all bus types?		✓	Suitable only for SD Vehicles - Low bridges Newcraighall & East Linton	Wrong route driven, contact with stationary objects, contact with other road users, Double Deck bus on route, potential Low Bridge impact Newcraighall Road 13' ; East Linton 13'9" .	Route risk assessment, Low bridge awareness campaign, Driver route training also includes off service routes, Management awareness posters, Single Deck Route Only	YES	YES	YES	YES	3	1	4	Route information held within control room and schedules, Control room have 'Live' visibility of all vehicles being used on all routes to minimise risk of vehicles colliding with a Low Bridge - any/all incidents or near misses to be fully investigated and reported to Head of Operations/Head of Risk	4		
No height restrictions i.e. low bridges) etc on or close to the route?	✓		Low Bridge impact, Newcraighall Road (Only suitable for single deck buses) 13' ; East Linton 13'9" . (on route)	Wrong route driven, contact with stationary objects, contact with other road users, Double Deck bus on route, potential Low Bridge impact Newcraighall Road 13' ; East Linton 13'9" .	Route risk assessment, Low bridge awareness campaign, CPC course 2021, Driver route training also includes off service routes	YES	YES	YES	YES	3	1	4	Route information held within control room and schedules, Control room have 'Live' visibility of all vehicles being used on all routes to minimise risk of vehicles colliding with a Low Bridge - any/all incidents or near misses to be fully investigated and reported to Head of Operations/Head of Risk - ROUTE NOT SUITABLE FOR DOUBLE DECK VEHICLES	4		
Are bus stops suitably positioned away from road junctions and other road/traffic hazards?	✓		Bridgend Hotel Bus Stop (Blind bend over narrow single lane bridge), Dunbar High Street (Ballards and bins).	Drivers not adhering to designated bus stops	Drivers trained in stopping patterns during route learning	YES	YES	YES	YES	2	1	3		3		

Provide details of any identified problems/ issues and any control measures/special arrangements undertaken including vehicle type restrictions etc on separate sheet if required			Summarise details & locations	Likely impact of non-competent performance	Summary Controls	Location specific awareness information training provided for all drivers	Route learning will be provided for all drivers	Drivers encouraged to report incidents/problems	Control/ID/Drivers engaged in monitoring improvement	(Task performed competently)			Other - please detail	Resultant route risk level		
Do Any of the Statements listed below have any relevance to the route under review? <i>Tick as appropriate</i>	Yes	No								Severity	Likelihood	Risk rating		Intolerable	Undesirable	Tolerable
Bus stops, BSI and other fixed infrastructure far enough from kerb edges to allow safe entry / exit at bus stops?		✓	Bridgend Hotel Bus Stop (Blind bend over narrow single lane bridge), Dunbar High Street (Bollards and bins).	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3	Any locations identified reported to IID to seek improvement via local authority as practicable	3		
Kerbs heights along route do not cause access problems for passengers? / vehicles or restrict vehicles that may be used	✓		Kassel kerb at various points on route.	Drivers make contact with Kassel kerb when entering bus stop causing vehicle damage	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2		2		
All roads used are public highways? (written permission and site specific risk assessment is required for any private roads accessed)	✓		All roads on route are public highways.	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2		2		
There is no requirement for reversing of vehicles on the route?		✓	No reversing required	Wrong route taken, driver reverses bus without banksman, damaged bus	Drivers must contact control when wrong route taken. Drivers should not be reversing buses on street	YES	YES	YES	YES	1	1	2		2		
No excessively high numbers of school children use this route?		✓	Night service operating between 00.00 - 04.30	Wrong route taken, failure to pick up customers, company reputation, customer complaints, loss of revenue.	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, road markings, signage, speed restrictions (20 mph)	YES	YES	YES	YES	1	2	3		3		
Any expected higher than normal volumes of pedestrians at particular times or days?	✓		Night service operating between 00.00 - 04.30	Wrong route taken, failure to pick up customers, increase in pedestrian accidents	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	2	3		3		
No evidence of assaults / vandalism occurring on services in areas served	✓		No significant ASB on route - Night service may have passengers who have consumed alcohol / drugs. Increases risk of vehicle soiling.	Driver confronts youths, escalates the problem, delays service, customer complaints, driver gets hurt, vehicle damage	Driver training, control room procedures, record and report to Police liaison officer	YES	YES	YES	YES	1	1	2	Vehicle design features include: Driver safety screen, radio and emergency alarms on all vehicles - additional measures - H&S Dept. Police liaison officer to monitor assault and vandalism data, increased levels of vandalism during Covid pandemic	2		
Layover and WC facilities suitable and sufficient	✓		Shandwick Place Hub, East Coast Bus Garage (Musselburgh)	Driver unable to access toilet facilities	Driver issued a key to access toilets on route, agreement in place with council buildings for drivers to use facilities	YES	YES	YES	YES	1	1	2		2		
No evidence to indicate high numbers of passengers with special needs / vulnerability and/or disabilities use this route?		✓	Lower volumes of vulnerable tend to travel on night services, although there may be those under influence of alcohol / drugs	Harsh braking events, rise in customer complaints, injuries and compensation claims	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, CPC continuous training	YES	YES	YES	YES	2	1	3		3		
Bus lanes suitably marked, signed & wide enough for vehicles to use?		✓	All bus lanes marked and suitable for use	Drivers make contact with kerb stationary or other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2		2		

Provide details of any identified problems/issues and any control measures/special arrangements undertaken including vehicle type restrictions etc on separate sheet if required		Summarise details & locations	Likely impact of non-competent performance	Summary Controls	Location specific awareness information/training provided to all drivers	Route learning will be provided to all drivers	Drivers encouraged to report incidents/problems	Control/OTD/Drivers engaged in monitoring improvement	(Task performed competently)			Other - please detail	Resultant route risk level			
Do Any of the Statements listed below have any relevance to the route under review? Tick as appropriate	Yes								No	Severity	Likelihood		Risk rating	Intolerable	Undesirable	Tolerable
Route reviewed in dark and street and/or vehicle lighting levels considered suitable		✓	Route reviewed during daylight hours	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2	Garage management to monitor accidents & for any lighting issues contribute, site specific assessment will be undertaken.	2		
All drivers have received both route and vehicle familiarisation training for this route and been advised of special arrangements for hazards identified?	✓		Full route training provided. New drivers will be buddied. Video route is available on Lothian training "YouTube" channel along with pictorial RRA	Wrong route driven, contact with stationary objects, contact with other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2		2		
Manual handling training given (ramp operation) Tick as appropriate	✓		Training given to all drivers on how to use manual ramp	Unable to serve disabled customers needs	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	1	1	2	All new drivers employed will be given vehicle familiarisation and ramp operation as part of their training	2		
Potential impact of adverse weather and access to gritting plans appropriately considered with outcomes communicated	✓		Gritting plans are held within Control Room.	Driver operates vehicle in unsafe conditions	Services operate on main roads that are gritted any roads that are not cleared or driveable services will be curtailed or stopped	YES	YES	YES	YES	1	1	2	Gritting plans required from local authority annually	2		
Is the route approved for rear door operation and Tri-axle vehicles and suitable? Tick as appropriate		✓	Due to low bridge Newcraighall not suitable to Double Deck vehicles or rear door operation vehicles currently within the Lothian fleet	Wrong route driven, contact with stationary objects, contact with other road users, Double Deck bus on route, potential Low Bridge impact Newcraighall Road 13', East Linton 13' 9"	Route risk assessment, Low bridge awareness campaign, CPC course 2021, Driver route training also includes off service routes	YES	YES	YES	YES	3	3	6	Tri Axle Buses must NOT be allocated to this service	6		
All other route specific risks identified and controlled?	✓		All risks identified on route and control measures in place.	Staff, customers put at risk	H&S dept. company risk assessments, route risk assessments	YES	YES	YES	YES	1	1	2		2		
Assessors: Pat Toner, Bobby Donald										Date: 12 September 2023						
Approved by: Walter Herring (Head of Operational Risk)										Date: 12 September 2023						

Note - For risk levels that are Undesirable or Intolerable additional control measures or action should be taken/considered to reduce the risk to Tolerable so far as reasonably practicable