

# Route Risk Assessment

## Service 44/N44 Balerno - Wallyford or Whitecraig Longstone & Central 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 that justify the response	Likely impact of non-competent performance	Summary Controls operating for all services	Location specific awareness information training provided				(Task performed competently)			Other info / controls/ information or actions - 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				Route learning will be provided to all drivers	Drivers encouraged to report incidents/problems	Control/CPD/Drivers engaged in monitoring improvement	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 and pedestrians.	Route learning, driver training, traffic circulars, route driven by qualified PCV drivers, depot awareness poster.	YES	YES	YES	YES	2	1	3				3
The route is free from overhanging branches or (or potential) on the route?	✓		No issues with overhanging branches identified	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 incl LB Roads	YES	YES	YES	YES	2	1	3				3
Bus lanes bus / bus stops / roads appropriately defined & marked - Free from indiscriminate parking?		✓	All bus stops, lanes marked appropriately - Indiscriminate parking Incl 1. Johnsburn Road 2. Mansefield Road 3. Lanark Road 4. Slateford Road 5. Dalry Road 6. West Maitland Street 7. Shandwick Place 8. Willowbrae Road 9. Bridge Street 10. Musselburgh High Street 11. MacBeth Moir Road 12. Balerno High School 13. Cockburn Cres.	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, LB Roads	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. Wallyford speed control measures have been reduced to accommodate bus services, but must be traversed with caution	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 LB Roads	YES	YES	YES	YES	2	1	3				3
Timings reflect any congestion issues	✓		Queing traffic taxis/parking. - peak times and weekend traffic as well as city events that might impact	Driver speeding, vehicle damage, uncomfortable journey for passengers, Drivers not operating to schedules,	Qualified PCV drivers, risk aware, customer engagement awareness, trained to understand/read timeboards, Operating ahead of schedule, Lead Driver Support	YES	YES	YES	YES	2	1	3				3
Route (incl off service routes & normal diversions) suitable for all bus types?	✓		Suitable for all vehicle types. Tri-Axle bus approved for Central Garage operated N44.	Wrong route driven, contact with stationary objects, contact with other road users,	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	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	Route learning will be provided to all drivers	Drivers encouraged to report incidents/problems	Control/OD/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
Height restrictions (i.e. low bridges) etc on or close to the route?	✓		Service does not pass under any low bridges, however there are a number of low bridges near the service which may represent a danger if off route. These include :Currie 4.1m - 13'-6", Abbeyhill 4.1m - 13'-6", Restalrig Road South 3.6m - 11' 9", Newcraighall 3.9m - 13', Baileyfield Road 4.2m - 13'-9", this is not an exhaustive list. Full details are contained on LB Roads and Low Bridge awareness materials.	Wrong route driven, contact with stationary objects, contact with other road users,	Route risk assessment, Low bridge awareness campaign, Driver route training also includes off service routes, Management awareness of low bridges on or close to route, LB Roads details all low bridges.	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 & INEO system being installed across full operational fleet to alert when off route - any/all incidents or near misses to be fully investigated and reported to Head of Operations/- Head of Risk	4		
Are bus stops suitably positioned away from road junctions and other road/traffic hazards?	✓		All stops suitable positioned throughout this service	Wrong route driven, contact with stationary objects, contact with other road users	Route risk assessment, Low bridge awareness campaign, CPC courses, Driver route training also includes off service routes, MCV eVora repositioned nearside mirror.	YES	YES	YES	YES	2	2	4		4		
Bus stops, BSI and other fixed infrastructure far enough from kerb edges to allow safe entry / exit at bus stops?		✓	Bus Stops: Ship Inn bus shelter - historic evidence of services making contact - repositioned, but still requires caution- Euro bins on kerb edge at various locations throughout this route	Drivers not adhering to designated bus stops, Collision with infrastructure	Drivers trained in stopping patterns during route learning	YES	YES	YES	YES	2	1	3		3		
Kerbs heights along route do not cause access problems for passengers? / vehicles or restrict vehicles that may be used		✓	Kassel kerbs at various stops throughout the route	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		
All roads used a public highways? (Access to private land must be with the permission of the landowner. Consideration to a site specific risk assessment should be given when appropriate eg site accessible by controlled access / driver changeover or breaks taken on site / reversing of vehicles is required (with or without banksman)	✓		All roads are public highways	Drivers make contact with Barrier, vehicle damage, Property Damage, company Reputation.	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 in normal operation. Drivers should seek assistance from Control if required to reverse due to unforeseen circumstance.	Wrong route driven, contact with stationary objects, contact with other road users, driver reverses bus without banksman	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	2		2		
Excessively high numbers of school children use this route?		✓	Route passes a number of schools and children, young adults could be higher in these areas: Balerno High school, Currie High school, Tynecastle High school, Portobello high school, Edinburgh College (Milton road campus) Loretto primary, St Peter's primary	Wrong route taken, failure to pick up customers, customer complaints, company reputations. Increase in pedestrian accidents	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, road markings, signage, speed restrictions (20 mph)	YES	YES	YES	YES	2	1	3		3		
Any expected higher than normal volumes of pedestrians at particular times or days?	✓		1.Morning, evening & weekend peaks 2. Edinburgh festival 3. Edinburgh Christmas & New Year celebrations 4. Edinburgh Marathon 5. Moonwalk 6. Brunton Halls Theatre 7. City sporting events	Wrong route taken, failure to pick up customers, customer complaints, company reputations. Increase in pedestrian accidents	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, road markings, signage, speed restrictions (20 mph)	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 to all drivers	Route learning will be provided to all drivers	Drivers encouraged to report incidents/problems	Control/COJ/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
Evidence of assaults / vandalism occurring on services in areas served	✓		Known ASB hotspots - Currie - Pinkie road (Musselburgh) - Wallyford	Driver confronts youths, escalates the problem, passengers/driver at risk. Delayed service, Customer Complaints	Driven by qualified PCV drivers, risk awareness, Driver training, control room procedures, record and report to Police liaison officer, Bus assault alarm.	YES	YES	YES	YES	2	2	4	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 since 2021 & during school Hols. Control monitor, alert, respond, attend & divert services as necessary	4		
Layover and WC facilities suitable and sufficient	✓		Shandwick place Hub - Betting shop Wallyford	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, Route Learning, LB Roads lists all WC Sites, Control will offer support if reqd.	YES	YES	YES	YES	2	1	3		3		
Evidence to indicate high numbers of passengers with special needs / vulnerability and/or disabilities use this route?		✓	Large numbers of elderly and vulnerable use service for social activities. Night service may have passengers who have been socialising & may be 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 and wide enough for vehicles to use?	✓		All bus lanes suitably marked	Drivers make contact with kerb stationary or other road users	Route learning, driver training, route driven by qualified PCV drivers, risk awareness, Report to Control.	YES	YES	YES	YES	1	1	2		2		
Route reviewed in dark and street and/or vehicle lighting levels considered suitable		✓	Route reviewed during daylight hours - No issues identified on night service	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	Incidents and driver reports monitored - location specific night assessment undertaken if required.	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 supported by Lead Drivers. Video route is available on Lothian training "YouTube" channel	Wrong route driven, contact with stationary objects, contact with other road users, low bridge strike	Route learning, driver training, route driven by qualified PCV drivers, risk awareness	YES	YES	YES	YES	2	1	3	Video route produced for registered services.	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	2	1	3		3		
Potential impact of adverse weather and access to gritting plans appropriately considered with outcomes communicated	✓		Potential for route to be subject to ice / snow/ flooded roads/ high winds or temperature extremes. All drivers trained & experienced in area with emergency contact 24/7. Existing Management response procedures will apply, Gritting plans held within depot/ Control	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	2	1	3	Weather warnings & conditions are monitored via Control. & advise of Government adhered to. Winter weather guidance issued. Services varied, curtailed or suspended as necessary. Gritting plans retained within control. High Wind protocols operate for some DD services that operate in exposed areas, Summer uniform arrangements.	3		
Is the route approved for rear door operation and Tri-axle vehicles and suitable? Tick as appropriate		✓	N44 (part route) assessed and approved for XLB MDV operated by Central Garage only. A) Approved for Tri Axle Mid Door Vehicles -Drivers should exercise discretion whenever deploying middle door. No bus stops assessed as unsuitable for rear door deployment by design, although caution required at some with soft verge (incl Crosswood Cres & Whitelea Rd) and requirement to position past bus stop pole (incl. Shandon Place) listed separately & retained at local garage.	Wrong route driven, contact with stationary objects, contact with other road users,	Route risk assessment, Low bridge awareness campaign, CPC courses, Driver route training also includes off service routes	YES	YES	YES	YES	3	1	4		4		
All other route specific risks identified and controlled?	✓		All significant risks identified and controlled throughout the route.	Staff, customers put at risk, company property damaged (buses), company reputation	H&S dept. company risk assessments, route risk assessments	YES	YES	YES	YES	1	1	2		2		
Assessors: Pat Toner & Will Pare. (N44 XLB MDV assessments completed by Central Garage April 25)										Date: 2nd April 2025						
Approved by: Craig McCafferty, Kenny Burt, Walter Herring										Date: 27th April 2025						

Note - Where any residual risk is identified as Intolerable, the activity must NOT be undertaken. If this impacts on the ability to provide service, alert Head of Operations & Head of Risk immediately.