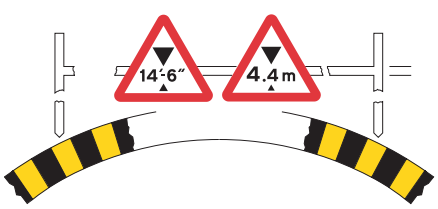
Bridge Audit Check Sheet						
Route identification						
Structure Number						
Bridge Location: **(Road Name / Location)**						
Road carriageway	Dual	Yes/No	Single	Yes/No	One way	Yes/No
GPS location as recorded						
Headroom	[As signed]			[As measured]		
Feet /inches						
Metric						
Date of audit						
Audit By:						

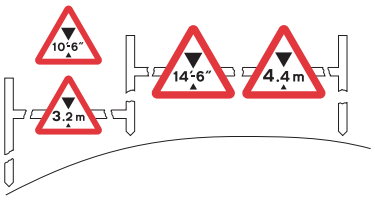
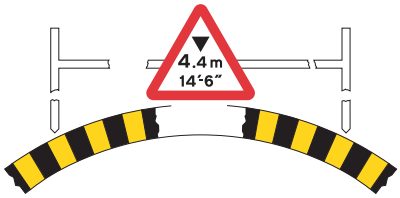
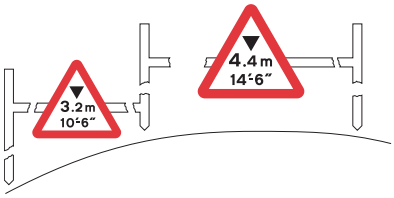
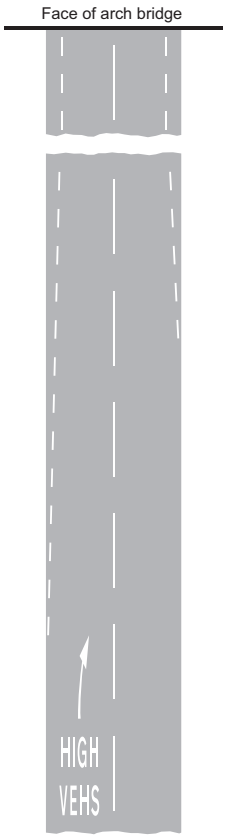
Rail Authority bridge identification plates		
Are two plates erected? Is the Bridge location correctly identified? Where are the plates positioned?	Comments:	
What is the telephone number on the plate?		
Is this telephone number answered by Rail Authority Control?	Yes/No	Telephone number should be: Comments:

Advance signs (diagram numbers are as in TSRGD)		
Are advance signs to enable drivers to take an alternative route avoiding the low bridge provided on all approaches to the bridge?	YES/NO	Comments:
If provided are the signs provided at junctions on all approaches?	YES/NO	Comments:
If provided are the signs in good condition and visible to vehicle drivers? **Consider the following:** **– Cleanliness** **– Damage** **– Graffiti** **– Obscuration**	Comments:	
Are the signs illuminated? **Record whether the sign is internally or externally lit.**	YES/NO	Comments:
Is there unacceptable sign clutter?	YES/NO	Comments:
Should measures be used to make the signs more conspicuous (e.g. rectangular yellow backing boards)?	YES/NO	Comments:

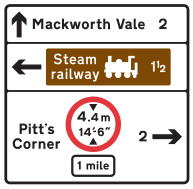
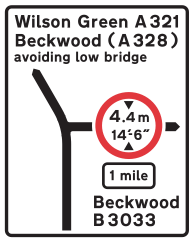
Advance signs (diagram numbers are as in TSRGD)		
What warning or mandatory signs have been used?	**Sign**	**Yes/None**
Diagram 530		
Record whether an imperial sign only or both signs are provided and whether Bridge is an arch or flat soffit Bridge. If present record the distance shown on a supplementary plate.		
Diagram 530A		
Diagram 629.2		
Diagram 629.2A		
Diagram 531.1		
Record whether an imperial sign only or both signs are provided		
Diagram 531.2		
Information sign (or variants)		

Signs on or adjacent to the Bridge (diagram numbers are as in TSRGD)		
Are there signs on both sides of the bridge? (one for one way carriageway)	YES/NO	Comments:
Does the signed height at the bridge agree with that shown in the AA Truckers Atlas of Britain? (if applicable)	YES/NO	Comments:
If provided are the signs in good condition and visible to vehicle drivers? **Consider the following:** **– Cleanliness** **– Damage** **– Graffiti** **– Obscuration (vegetation)** **– Condition of chord marking (goal posts) – for arch bridges only**	Comments:	
Are the signs illuminated? **Record whether the sign is internally or externally lit.**	YES/NO	Comments:
Is there unacceptable sign clutter?	YES/NO	Comments:
Should measures be used to make the signs more conspicuous (e.g. rectangular yellow backing boards)?	YES/NO	Comments:
Should an additional warning be provided on the bridge? **e.g. 'LOW BRIDGE'**	YES/NO	Comments:

Signs on or adjacent to the Bridge (diagram numbers are as in TSRGD)		
What warning or mandatory signs have been used?	**Sign**	**Yes/None**
Diagram 530		
Record whether an imperial sign only or both signs are provided and whether Bridge is an arch or a flat soffit Bridge		
Diagram 530A		
Diagram 629.2		
Diagram 629.2A		
Diagram 531.1		
Record whether an imperial sign only or both signs are provided		
Chevrons diagram 530.2		
Hazard and chord marking arch bridge diagram 532.2		
Record whether an imperial sign only or both signs are provided		

Signs on or adjacent to the Bridge (diagram numbers are as in TSRGD)		
What warning or mandatory signs have been used?	**Sign**	**Yes/None**
Chord marking diagram 532.3		
Record whether imperial signs only or both imperial and metric signs are provided		
Hazard and chord marking diagram 532.2A		
Chord marking diagram 532.3A		
What road markings have been used?	**Sign**	**Yes/None**
Lane and road markings - arch bridge (guidance) diagram 1010		
Lane and road markings - arch bridge (deflection arrow) diagram 1014		
Lane and road markings - arch bridge (HIGH VEHS) diagram 1024.1		

Provision of Alternative Route		
Is there a signed alternative route?	YES/NO	Comments:
Is the alternative route suitable for high vehicles?	YES/NO	Comments:
If provided are the signs in good condition and visible to vehicle drivers? **Consider the following:** **– Cleanliness** **– Damage** **– Graffiti** **– Obscuration**	Comments:	
Are the signs illuminated? **(Refer to TSRGD for situations when illumination of signs is required)**	YES/NO	Comments:
Is there unacceptable sign clutter?	YES/NO	Comments:

Provision of Alternative Route		
What warning or mandatory signs have been used?	**Sign**	**Yes/None**
Primary route direction signs		
		
		
Non – primary route direction signs		
		
		
Information signs		
		
		

Use of Specific Measures		
Is it appropriate to consider the use of Variable Message Signs (VMS) with infra-red beams? **Consider the following:** **– Use on approach as warning or diversion signing;** **– Location;** **– Functioning correctly;** **– Free from foliage.**	YES/NO	Comments:
Is the use of automatic detection systems (with cameras) appropriate?	YES/NO	Comments:
Is the use of collision protection beams on the bridge appropriate?	YES/NO	Comments:
Could other forms of detection systems be used?	YES/NO	Comments:

General Considerations	
No. of reported strikes in previous 12 months	
Date of last bridge strike	
Amount of LGV traffic passing under bridge. (High, Average, Low)	
Any weight restrictions on the route under the bridge?	

General Considerations	
Adjacent land use. (Industrial, Agricultural, Residential)	
Are there any other low bridges over the same road nearby?	
Could a high sided vehicle manoeuvre, (i.e. turn around) in the vicinity of the bridge?	
General bridge condition, in particular structural weaknesses (ignore paint defects)	
Are there distracting advertisements on the approaches to the bridge?	
Is the lighting adequate for the signs and at the bridge?	
Other General Comments	