



Research Programme Engineering

Development of a Suburban vehicle gauge variation for 23m variant modelling and analysis



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Abbreviations and Acronyms

ARL	Above Rail Level (measured perpendicularly to the plane of the rails, from the track centre line)
CD	Cant Deficiency
CE	Cant Excess
ELR	Engineers Line Reference
HSE	Health and Safety Executive
HMRI	Her Majesty's Railway Inspectorate
KE	Kinematic Envelope
K_{Ti}	Co-efficient used to calculate overthrow towards the centre of the curve (see GE/RT8073)
K_{To}	Co-efficient used to calculate overthrow towards the outside of the curve (see GE/RT8073)
LSE	Limiting Space Envelope
LSSG	Lower Sector Structure Gauge (see Appendix 1 GC/RT5212)
LSVG	Lower Sector Vehicle Gauge
NGD	The Network Rail National Gauging Database. An asset register, containing measured structure profiles for the majority of the British railway network
OLE	Overhead Line Equipment
ORR	Office of Rail Regulation
R	Curve Radius in metres
RGS	Railway Group Standards
RGGN	Railway Group Guidance Note
RSSB	Rail Safety and Standards Board
SVG	Suburban Vehicle Gauge
V/S SIC	Vehicle/Structures System Interface Committee

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Definitions

ClearRoute™	A software tool, developed by Laser Rail Technologies, a division of Balfour Beatty Rail Technologies Ltd, used to perform a full range of Railway Gauging calculations.
HyperRoute™	HyperRoute is a high speed analysis tool designed for large scale gauging assessment projects. It has been developed by Laser Rail Technologies (part of Balfour Beatty Rail Technologies) based upon the basic principles of ClearRoute but using improved methods to gain quicker, more accurate clearance approximations.
Profile(s)	<p>Profiles are two dimensional cross sections of infrastructure surveyed and stored on the NGD, generally every 5m. Profiles are grouped together to form structures (e.g. platforms, tunnels, bridges).</p> <p>Profile may also be used to describe the cross section of a rail vehicle taken perpendicular to the running rails.</p>
Plane of Rails	An imaginary surface coplanar with the top of both rails of a track.
Sixfoot	The measured interval or spacing between two adjacent tracks.
Speed Restriction	A reduced line speed required at a specific location or section of track.
Structures	A number of surveyed “profiles” that represent a single structure on the GB Rail Network (e.g. Tunnel, Bridge, Platform). Structures are associated with tracks, so where structures span more than one track e.g. Up and Down Main, each track is assigned a separate structure.
Structure Clearance	The calculated clearance between lineside structure and vehicle swept envelope taking account of appropriate track tolerances and accuracy of survey measurement.
Substandard	Structures or Profiles reporting clearances less than “Normal” as defined in GC/RT5212. These also include “Foul” locations where a vehicle may infringe the infrastructure under certain conditions.
Survey Anomalies	Individual measured structure profile where it is determined that a potential error may exist in the file that as a result may not be representative of the actual structure. The anomaly may be associated with suspect track geometry or rogue points (profile coordinates) captured by the measurement system.
Swept Envelope	A Cross Sectional profile, taken at right angles to the track, enclosing all dynamic movement, static deflections and overthrows of all points along the surface of the vehicle, that can be reasonably expected to occur under the appropriate range of operating conditions.

Executive Summary

This report contains the specification, modelling and analysis of a 22.96m width and height reduced Suburban Vehicle Gauge (SVG) defined using the 20.38m SVG-3, adjusted in the solebar area to match the turbostar. Figure 1 demonstrates the revised 22.96m width and height reduced SVG Static Profile.

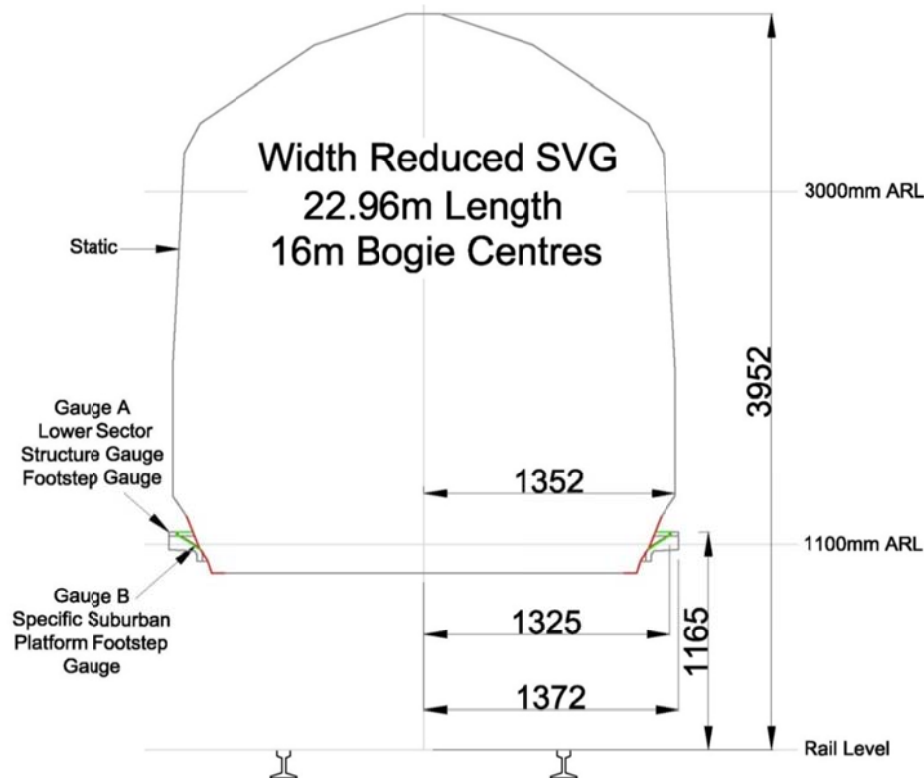


Figure 1 – Revised 22.96m Semi-Width Reduced Suburban Vehicle Gauge

The model of the 22.96m SVG was analysed on the entire Great British Rail Network with the following conclusions and recommendations.

- The 22.96m SVG reports better clearances than the 20.38m SVG in the vast majority of cases, likely the result of the difference in curve overthrow due to the width reduction. This suggests that there may be scope for improvement in the 23m vehicle gauge.
- The enlargement of the 22.96m SVG in the solebar area does not appear to have had a significant effect on the number of Exception Structures when comparing with 20.38m SVG. This is also likely as a result of the width reduction.
- The 22.96m End Door configuration reports slightly better clearances than the 1/3, 2/3 configuration. This is likely due to the removal of the footstep gauge located at the centre.
- The majority of exception structures occur against structures identified as containing vegetation.
- The majority of exception structures occur on routes where it is likely that 23m vehicles will operate.
- If the 22.96m SVG specified in this report is proposed for Railway Group Standards it is recommended the Exception Structures are subject to further investigation.

It should be noted that the 22.96m SVG established from the 20.38m SVG may be sub-optimal as the original SVG-3 was optimised based upon structure clearances derived for a 20m vehicle. It is therefore also a recommendation of this report that a fully optimised 23m vehicle gauge is established using the KE Template methodology used to define the original SVG.

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1 Introduction

This report relates to variation work in the development of a Suburban Vehicle Gauge (the Project “T978-01”) as requested by the Rail Safety and Standards Board (RSSB, the Client) on behalf of the Vehicle Structures Systems Interface Committee (V/S SIC).

2 Background

In May 2013 Balfour Beatty Rail published the results of a research and development project (T978) to define the Suburban Vehicle Gauge (SVG)^[3]. This SVG defined in this report is based upon a specific set of “suburban” routes and a 20.38m long vehicle with 14.173 bogie centres.

In September 2013 a variation was undertaken to produce a specification for a 23m width reduced SVG^[4]. The report was presented at the Vehicle/Structures System Interface Committee (V/S SIC) with input from Bombardier Transportation.

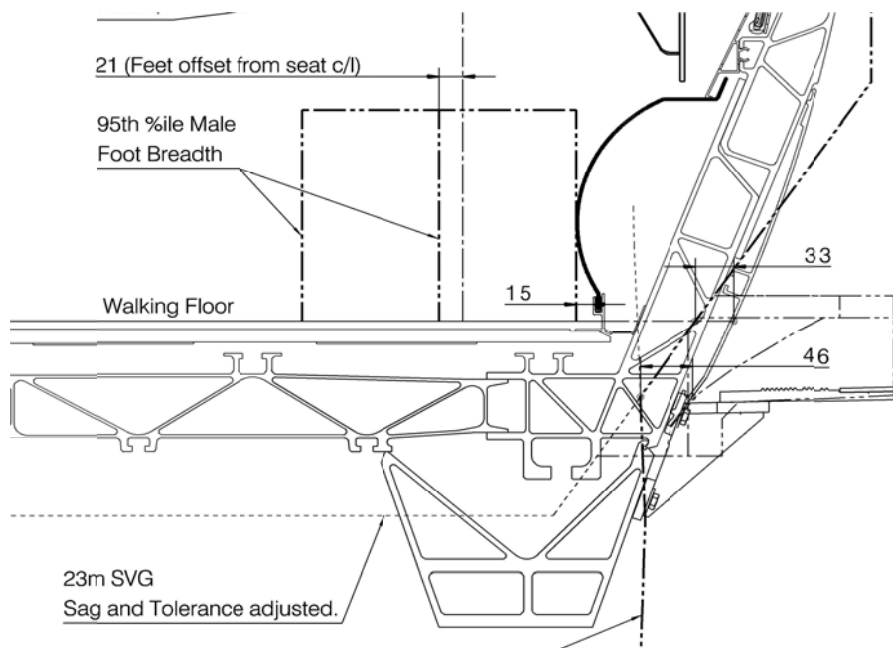


Figure 2 – 23m SVG and Turbostar Solebar Detail presented by Bombardier Transportation at V/S SIC meeting^[7]

During this meeting the width reduced 23m SVG was widely discussed and a revised strategy for Stage 3 agreed^[7], namely:

- Undertake clearance analysis of the Great British network using Turbostar sole bar area detail overlaid onto developed 23m variant of suburban gauge.
- Identify which of the routes with exception structures currently see 23m traffic

This report contains details of the 23m SVG model and the results of the clearance analysis.

3 Project Methodology

This section provides an overview of the methodologies used to deliver the variation:

1. Specifying and Modelling of the 23m width reduced SVG with Turbostar solebar area detail
2. Analysis of the new 23m width SVG on Great British network (structures only)
3. Identify which Exception Structures are subject to 23m vehicle traffic.

3.1 Specifying a Width Reduced 23m Vehicle Gauge

3.1.1 Width Reducing the SVG

Section 8.5 of the 20.38m SVG report^[3] states “it is entirely possible to use the SVG to design a 23m vehicle by applying a width reduction formula to the gauge profile.”

BBRail used the 20.38m SVG (SVG-3)^[3] to define an outline specification for a 23m vehicle with 16m bogie centres. The SVG was semi-width reduced by an amount equal to the difference in curve overthrow calculated for a 20.38m and 23m vehicle on a 120m curve (minimum curve used to derive SVG-3 based on the requirements for passing clearances on minimum track intervals.).

Displacement towards the inside of a horizontal curve was calculated using the formula^[8]:

$$dg_i = R - b_i - \sqrt{\left(\frac{a}{2} - n_i\right)^2 + \left(\sqrt{R^2 - \frac{p^2}{4} - \frac{a^2}{4}} - b_i\right)^2} \quad (\text{Eq.1})$$

Displacement towards the outside of a horizontal curve was calculated using the formula^[8]:

$$dg_a = \sqrt{\left(\frac{a}{2} + n_a\right)^2 + \left(\sqrt{R^2 - \frac{p^2}{4} - \frac{a^2}{4}} + b_a\right)^2} - R - b_a \quad (\text{Eq. 2})$$

Where:

- dg = Horizontal overthrow
- R = Horizontal Radius (120m)
- b = Semi width of SVG
- a = Bogie Centres
- n = Section distance from closest pivot
- p = Bogie Wheelbase

(subscript) a = outside of curve or

(subscript) i = inside of curve

A summary of the calculated curve overthrow values for the inside and outside are included in Table 1. Detailed calculations are provided in Appendix B.

Curve Overthrow Type (dg)	Curve Overthrow (mm)		
	SVG-3 14.173m Bogie Centres 20.38m length	22.96m SVG 16m Bogie Centres	Difference
Inside (dg_i)	216.481	274.021	57.541
Outside (dg_a)	211.135	268.740	57.585

Table 1 – Curve Overthrow Calculations Summary

The vehicle length was adjusted down to 22.96m to minimise the semi-width reduction, ensuring the difference between inside throw and outside throw was approximately equal. Therefore to establish a 22.96m gauge using the SVG-3 a semi-width reduction of 58mm was applied (116mm across the vehicle), the difference between calculated curve overthrow on a 120m curve.

3.1.2 Solebar Modifications

Using the width reduced SVG and a drawing provided by Bombardier, the shape of the 22.96m was revised in the solebar area to follow the Turbostar Body as identified by Bombardier Transportation and agreed by the Steering Group (see Figure 3 below)

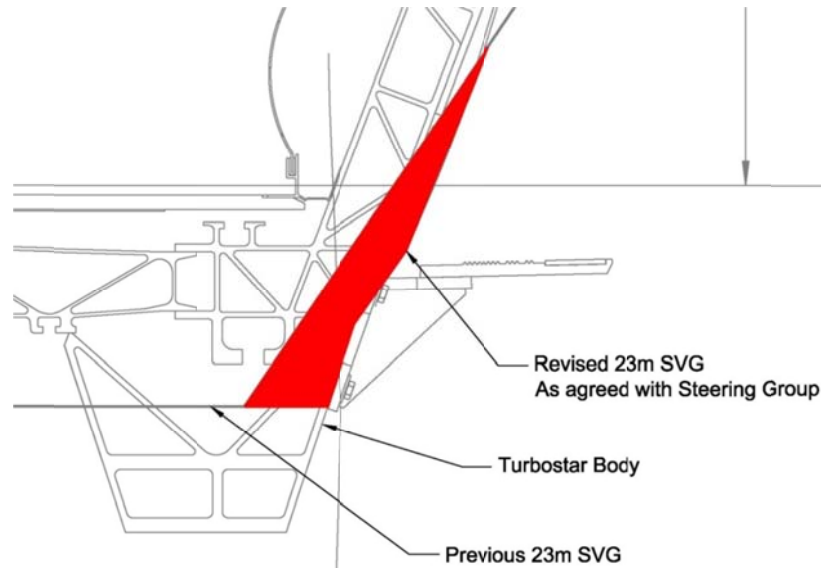


Figure 3 – Revised 23m SVG

3.1.3 Height Reducing the SVG

The SVG-3 maximum height^[3] was based upon the W6a maximum dynamic height reduced for a 500m vertical curve. W6a is based upon 12.8m bogie centres, SVG-3 14.173m bogie centres and 22.96m SVG 16m bogie centres, therefore a further vertical reduction is required equal to the difference in vertical throw:

14.173m bogie centres on 500m vertical curve	=	51.911mm vertical throw
16m bogie centres on 500m vertical curve	=	65.694mm vertical throw
difference in vertical throw	=	13.783mm (rounded to 14mm)

The maximum height of the 22.96m SVG was therefore reduced by 14mm, see Figure 4 below.



Figure 4 – Diagram Showing Height Reduction for 22.96m SVG

This 14mm vertical reduction was applied at roof height only, the height and shape of the bottom of the 22.96m SVG and the associated footstep gauges were not changed vertically.

3.1.4 Passenger Footstep Gauges

Both SVG footstep gauges have also been semi-width reduced to provide a 22.96m gauge line in the solebar area specifically for the passenger footstep (shown in Figure 7):

- Gauge A: Lower Sector Structure Gauge Footstep Gauge
- Gauge B: Specific Suburban Platform Footstep Gauge

The semi-width reduction is based upon the inside throw difference at the centre of the vehicle (58mm). The application of the gauges depends upon the door configuration required.

For typical $\frac{1}{3}$ rd, $\frac{2}{3}$ rd and three door configurations the footstep gauges are applied between the bogie centres with an additional 1m allowance for footstep length (see Figure 5 below).

For end door only configurations the footstep positions of existing 23m vehicles were used as guidance (Appendix C). The maximum centreline of step location reported from the BBRT vehicle library is 10.550m from the vehicle centre line (Class 442). Therefore the maximum outboard position of the end door gauge line was rounded up to allow for step length, 11m from the vehicle centre line (3m from the nearest bogie). Figure 5 below also demonstrates the end door only configuration, applied 3m out from the nearest bogie centre line.

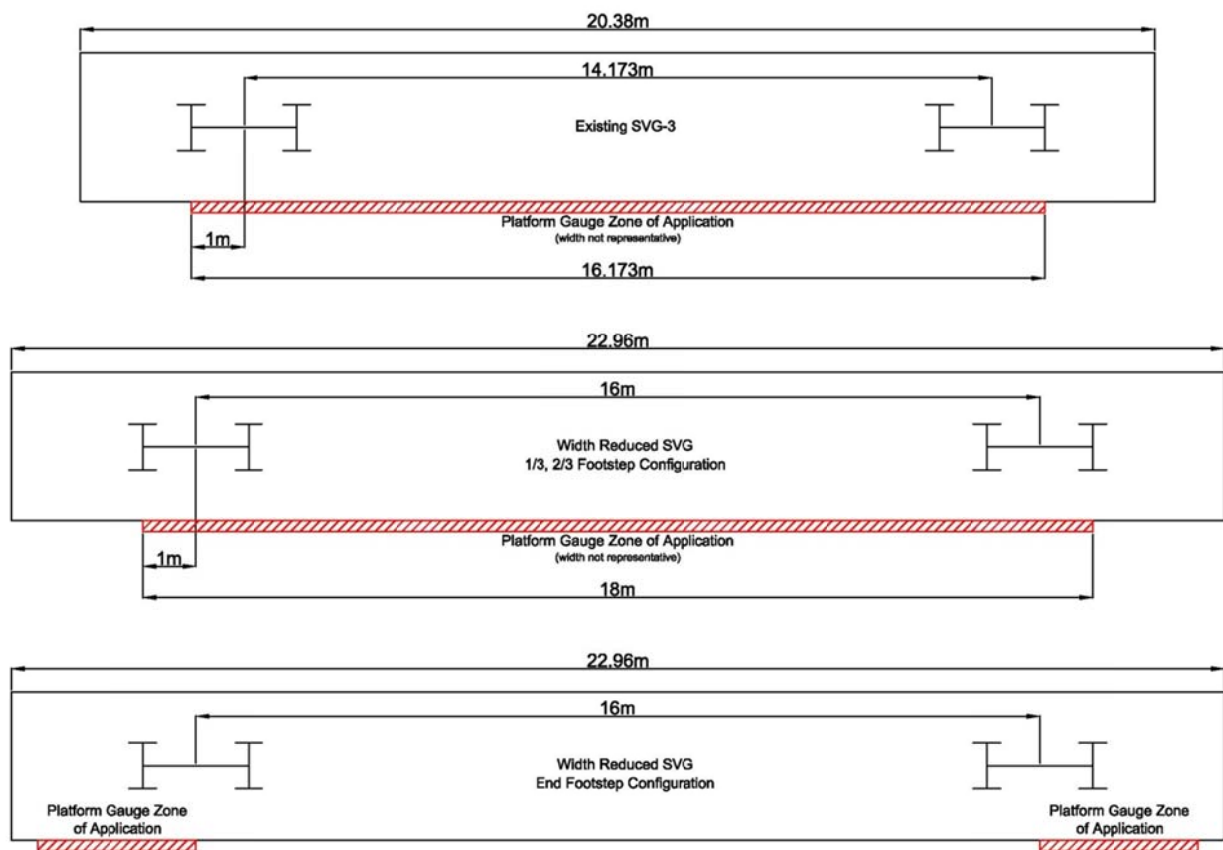


Figure 5 – Footstep Gauge Application Zones for SVG and 22.96m SVG

For $\frac{1}{3}$ rd, $\frac{2}{3}$ rd configuration both footstep gauge A and B is the same shape and dimensions as SVG minus the 58mm reduction and SVG solebar modification (Section 3.1.2), as they are defined by the worst case being the centre of the vehicle.

For the end footstep only configuration, centre steps are not applicable therefore the footstep may be extended laterally to account for the difference in overthrow between the worst case 20.38m inside throw and worst case 22.96m outside throw at 11m footstep position. Table 2 provides a summary of the calculations.

Curve Overthrow Type (dg)	Curve Overthrow (mm)		
	SVG-3 14.173m Bogie Centres 20.38m length	22.96m 16m Bogie Centres	22.96m 16m Bogie Centres 11m from centre
Inside (dg_i)	216.481	274.021	-
Outside (dg_a)	211.135	268.740	224.392
Calculation	$224.392 - 216.481$ <i>Outside Throw of 22.96m – Inside Throw of 20.38m</i>		7.911mm

Table 2 – End Step Lateral Adjustment Calculations Summary

Table 2 demonstrates that for the End Footstep only configuration the 22.96m reduced footstep gauges can be moved further outwards by 8mm (in order to produce an equivalent overthrow to the worst case 20.38m inside overthrow condition), as shown diagrammatically in Figure 6.

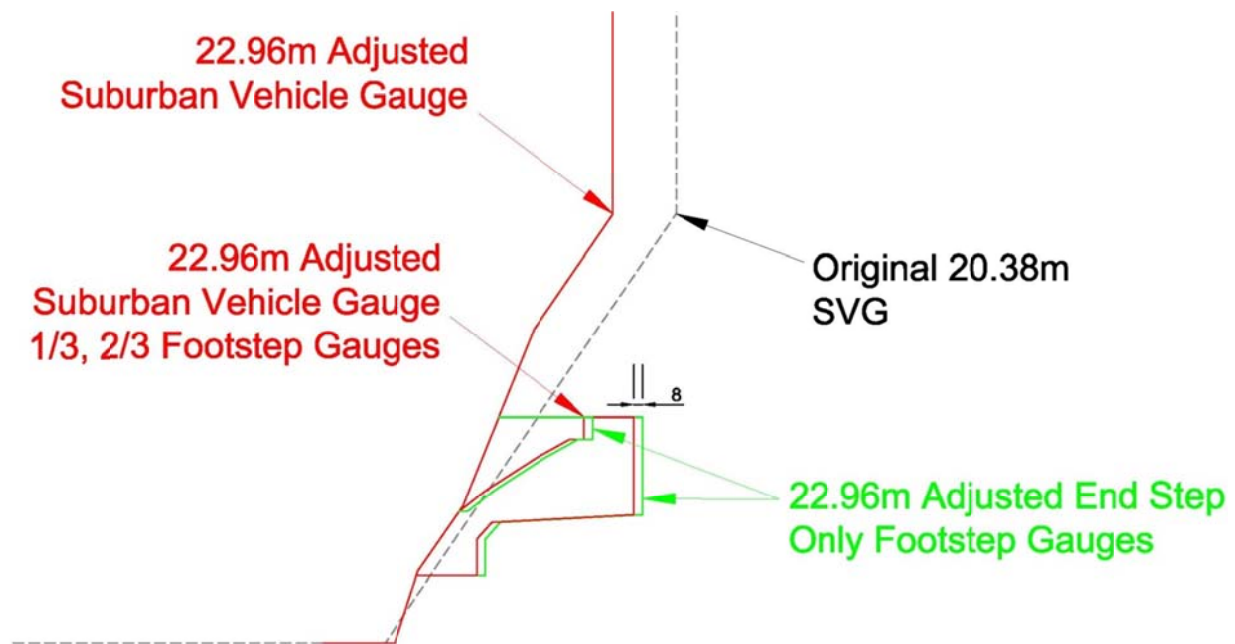


Figure 6 – Diagrammatical Representation of Footstep Gauges for 22.96m Reduced SVG

Both footstep Gauge A and B were designed using geometry for a 20.38m vehicle, assumed to be applied no further than 1m beyond the bogie centre (8.0865m). The semi-width reductions applied will ensure clearances are maintained to the LSSG (Gauge A), however for the Specific Suburban Platform Footstep Gauge (Gauge B) there may be additional clearance issues to resolve.

It is possible to design a footstep specifically to account for this change however this would involve KE Template work which is outside the scope of this Variation.

3.1.5 20.38m and 22.96m SVG Comparison

A comparison between the existing 20.38m SVG and the 22.96m reduced SVG is included in Figure 7 below.

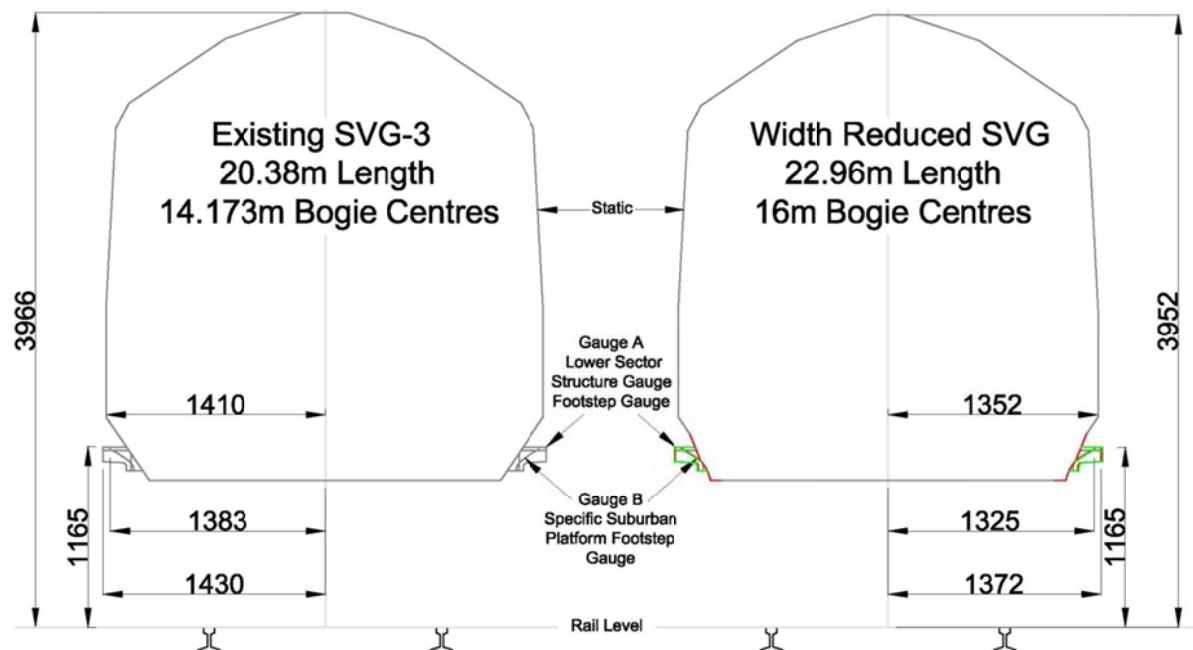


Figure 7 – Diagrammatical Representation of Width Reduced SVG for a 22.96m Vehicle

Analysis of the new 22.96m semi-width reduced SVG gauge provides a gauge line identical to the SVG-3 on a 120m horizontal curve (with the exception of the solebar) and 500m vertical curve. As the horizontal radius increases the gap increases until on straight track the 22.96m SVG is 58mm within the SVG-3. Table 3 and Table 4 provide a summary of the differences for the outside/inside overthrow and semi-width for a range of horizontal curves from 120m – 0m (straight).

Gauge Type	Horizontal Curve Overthrow (mm)							
	120	360	500	750	1000	2500	5000	0
20m SVG Outside throw	211.155	71.552	51.633	34.488	25.890	10.374	5.190	0
22.96m SVG Outside throw	268.740	91.080	65.725	43.901	32.957	13.205	6.606	0
Overthrow Difference	57.585	19.529	14.093	9.413	7.067	2.831	1.416	0
Semi-width Difference	-0.415	-38.471	-43.907	-48.587	-50.933	-55.169	-56.584	-58

Table 3 – Difference between the SVG vs 22.96m SVG Outside Throw for a range of curves

Gauge Type	Horizontal Curve Overthrow (mm)							
	120	360	500	750	1000	2500	5000	0
20m SVG Inside throw	216.481	72.102	51.911	34.606	25.955	10.382	5.191	0
22.96m SVG Inside throw	274.021	91.248	65.694	43.795	32.846	13.138	6.569	0
Overthrow Difference	57.541	19.145	13.783	9.188	6.891	2.756	1.378	0
Semi-width Difference	-0.459	-38.855	-44.217	-48.812	-51.109	-55.244	-56.622	-58

Table 4 – Difference between the SVG vs 22.96m SVG Inside Throw for a range of curves

It should also be noted that on any curves below 120m the 22.96m SVG will be outside the envelope of the 20.38m SVG.

3.2 Static Comparison with Existing 23m Vehicles

A static comparison was undertaken using the proposed 22.96m semi-width reduced SVG and profiles taken from existing 23m vehicles identified in the original SVG report^[3], namely Class 155, 156, 170, 220, 323 and Mark 3 (shown in Figure 8 and Figure 9).

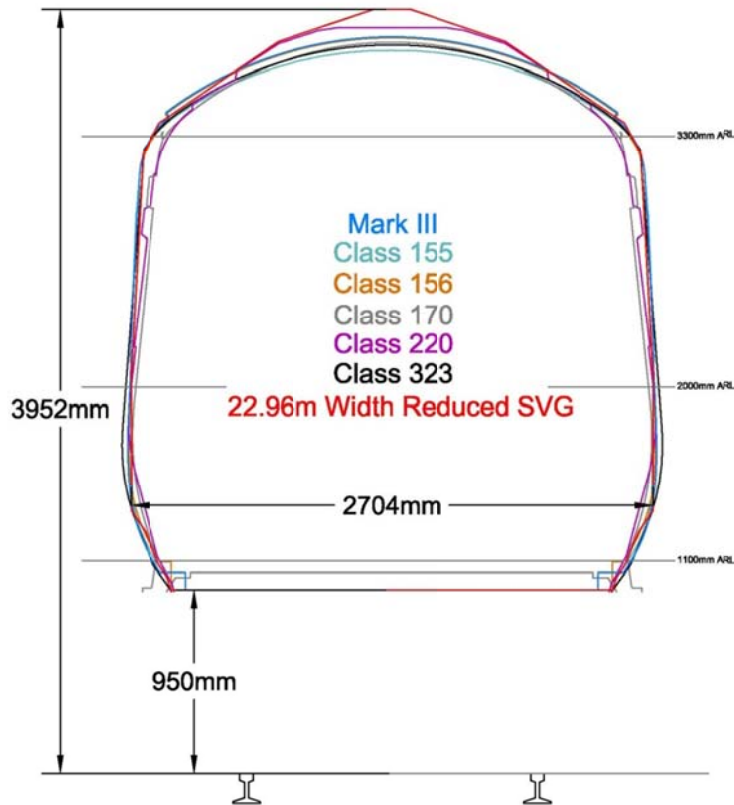


Figure 8 – Comparison of Static Profiles on Straight and Level Track, 22.96m Semi-Width Reduced SVG and Existing 23m Vehicle Body Profiles

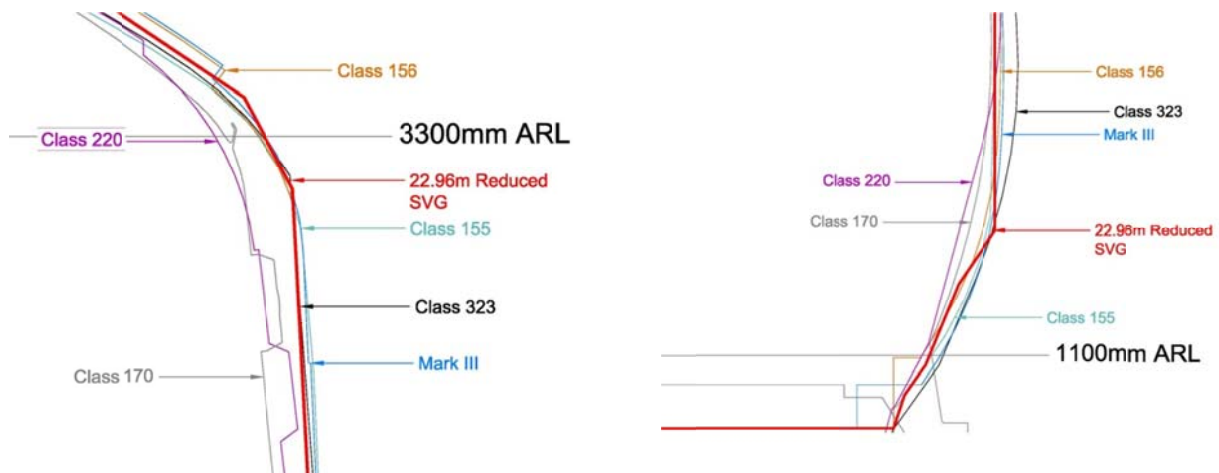


Figure 9 – Zoomed in Static Comparison at Cantrail (3300mm ARL) (left) and Step (1100mm ARL) (right)

From comparison of the static profiles at the cantrail height (3300mm ARL) the 22.96m semi-width reduced SVG appears to approximately match the existing comparator vehicles, with the exception of the Class 155. At waist (2000mm ARL) and step height (1100mm ARL) the Class 323 exceeds the SVG and other existing vehicle dramatically. In the solebar area (1100mm ARL) the reduced SVG appears to be significantly less than existing vehicles, suggesting it may be limiting in this area.

3.2.1 22.96m SVG Model

Figure 10 demonstrates the revised 22.96m width and height reduced SVG Static Profile.

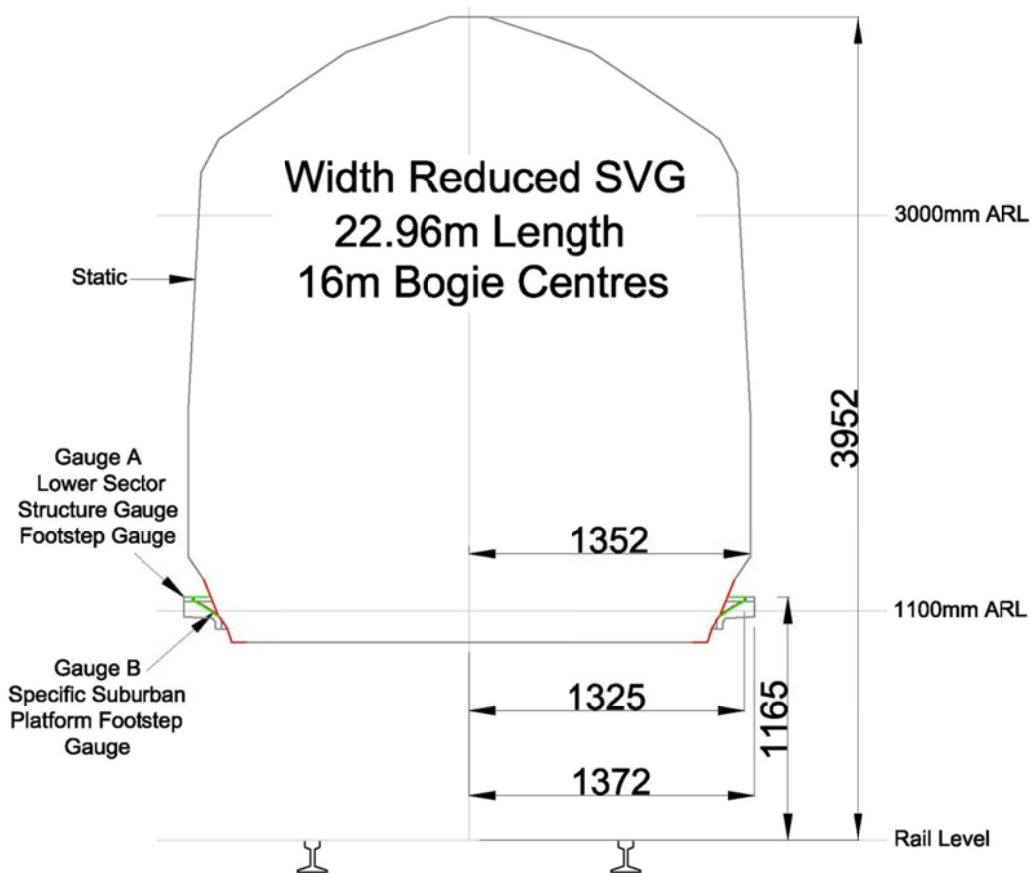


Figure 10 – Revised 22.96m Semi-Width Reduced Suburban Vehicle Gauge

A revised 22.96m vehicle gauge model was produced. The vehicle was based upon a 22.96m vehicle (above) with 16m bogie centres using the same movements defined in the Suburban Gauge Dynamic Envelope^[4]. The revised model was given the reference LV-23mSVG-2 and held on the HyperRoute vehicle database as a category 2 restricted vehicle. The model will not appear upon the ClearRoute Vehicles CD unless requested so by the Client.

The model contains two different door configurations:

- 22.96m SVG with same door configuration as SVG (for 1/3, 2/3 and 1/2 door configuration) (i.e. footstep gauge zone 1m outside of bogie centres)
- 22.96m SVG with end door only configuration

For each door configuration, two gauges are provided for use in the solebar area specifically for the passenger footstep (described in Section 3.1.4):

- Gauge A: Lower Sector Structure Gauge Footstep Gauge
Conforming to the published Lower Sector Structure Gauge and to satisfy stepping requirements of GM/RT2149^[1] to a standard platform 730mm, 915mm
- Gauge B: Specific Suburban Platform Footstep Gauge
Provides clearance to platforms specific for the published Suburban routes (with a number of exceptions)

Following creation of the model, a short validation exercise was undertaken to ensure that the model is behaving as required i.e. model sways and drops as per manual calculations.

3.3 Analysis of the new 22.96m width SVG on Great British network.

Structure clearance analysis of the new 22.96m SVG model(s) was undertaken in accordance with the specification provided in Appendix A. Separate analysis of both door configurations was undertaken (end door only and 1/3, 2/3, doors). The assessment identified structural clearance between the swept envelope of the 22.96m SVG models and the infrastructure data analysed.

A substandard clearance is defined in Railway Group Standard GC/RT5212^[1] as being less than 100mm for structures above 1100mm Above Rail Level (ARL) and less than 50mm for structures below 1100mm ARL. Clearance bands will be set as defined in Figure 11, below:

100mm	LH Top			RH Top	
					3300mm A.R.L
100mm	LH Upp			RH Upp	
					3000mm A.R.L
100mm	LH Win			RH Win	
					2000mm A.R.L
100mm	LH Low			RH Low	
					1100mm A.R.L
50mm	LH Bot			RH Bot	

Figure 11- Location of Clearance Bands (GC/RT5212)

Due to the preliminary nature of this analysis, OMNICOM assessment of structure exceptions was *not* included within the scope of this report.

4 Results

4.1 Absolute Gauging Results

This section of the report presents the results of the absolute gauging analysis undertaken for the 22.96m SVG upon all Great Britain routes, including Suburban and Thameslink routes.

Analysis included suburban gauge dynamic movements^[4], relevant track fixity, survey tolerances and wheel rail interface movements as detailed in Appendix A.

Table 5 and Table 6 provides a summary of the results

Category	Definition	20.38m SVG incl Specific Plat Ftsp Gauge B	Number of Structures 22.96m SVG (1/3, 2/3 Door Configuration)		
			22.96m SVG Body Only	22.96m SVG incl LSSG Ftsp Gauge A	22.96m SVG incl Specific Plat Ftsp Gauge B
Foul	≤ 0mm	1466	958	2612	1028
Special Reduced	>0mm < 25mm	1103	459	2256	521
Reduced	≥ 25mm < 50mm	2078	896	2339	1229
Normal	≥ 50mm	186641	188975	184081	188510
Total		191288	191288	191288	191288

Table 5 – 22.96m SVG Clearance Results Per Structure for July 2013 NGD 1/3, 2/3 Door Configuration

Category	Definition	20.38m SVG incl Specific Plat Ftsp Gauge B	Number of Structures 22.96m SVG (End Door Only Configuration)		
			22.96m SVG Body Only	22.96m SVG incl LSSG Ftsp Gauge A	22.96m SVG incl Specific Plat Ftsp Gauge B
Foul	≤ 0mm	1466	958	2641	1020
Special Reduced	>0mm < 25mm	1103	459	2297	552
Reduced	≥ 25mm < 50mm	2078	896	2353	1207
Normal	≥ 50mm	186641	188975	183997	188509
Total		191288	191288	191288	191288

Table 6 – 22.96m SVG Clearance Results Per Structure for July 2013 NGD End Door Only Configuration

Any structure with a substandard clearance of greater than 0mm (Special Reduced or Reduced) are *not* deemed exceptions to the SVG but the management of clearances should be discussed with Network Rail. A list of these structures is provided in Appendix E (1/3, 2/3 door configuration) and Appendix G (End door configuration)

The Foul structures are listed as “Exception Structures” for which vehicles built to the 22.96m SVG will *not* have operational clearance without further investigation. The list includes disused platforms and lineside structures that will remain exceptions until the issues are formally closed out.

Each exception structure and ruling case plot is listed in in Appendix D (1/3, 2/3 door configuration) and Appendix F (End door configuration) with a map demonstrating their geographical location in Appendix H.

Table 7 provides a breakdown of the Exception Structures for both door configurations. Categories have also been taken from the OMNICOM study undertaken for the 20m SVG^[9].

Category	22.96m SVG 1/3, 2/3 doors, Ftsp Gauge B	22.96m SVG end doors, Ftsp Gauge B
Total Exception Structures	1028	1020
Vegetation	-703	-706
Fixable Exception/No Action/Work already planned	-60	-61
Limiting Structure	-7	-9
Resurvey	-16	-16
Remaining Exception Structures	242	228

Table 7 – Breakdown of Exception Structures for 22.96m SVG and Footstep Gauge B (specific)

Table 7 demonstrates that the vast majority of locations are identified as vegetation or questionable data. The remaining Exception structures would require investigation should the 22.96m SVG and Footstep Gauge B be adopted for the rest of the Great Britain

4.2 Comparison with 23m Rolling Stock

Further study was undertaken to ascertain how many Exception structures have operational route acceptance of 23m vehicles. The following list of current 23m Rolling Stock was taken from Network Rail Vehicle Compendium.

- **DMU:** 153, 155, 156, 158, 159, 165, 166, 168, 170, 172, 172, 175, 180, 185, 220, 221, 222
- **EMU:** 323, 332, 333, 390, 442, 444
- **Coaches:** Mark 3 and Mark 4

Almost every exception structure analysed has a 23m vehicle permitted to operate. Further analysis was therefore undertaken to consider what percentage of rolling stock permitted to operate were 23m. Details of the analysis are included in Appendix I.

If more than 33% of all vehicles permitted to operate were 23m vehicles (listed above), the route and exception structure was identified as a 23m route for the purpose of this exercise. Table 8 provides a breakdown considering the remaining Exception structures. Appendix D to Appendix G provides detail of the 23m route acceptability of each substandard structure.

Category	22.96m SVG 1/3, 2/3 doors, specific step	22.96m SVG end doors, specific step
Remaining Exception Structures	242	228
23m Route	146	135
Not 23m Route	96	93

Table 8 – Summary of 23m Rolling Stock Route Acceptance for Remaining Exception Structures

5 Conclusions & Recommendations

The following conclusions and recommendations have been made as a result of the work undertaken in this project:

- The 22.96m SVG reports better clearances than the 20.38m SVG in the vast majority of cases. This is likely the result of the difference in curve overthrow due to the width reduction.
- The enlargement of the 22.96m SVG in the solebar area does not appear to have had a significant effect on the number of Exception Structures when comparing with 20.38m SVG (including footstep gauges). This is likely as a result of the area being shadowed by the footstep gauges.
- The 22.96m SVG is comparable with existing 23m vehicle profiles at solebar and above waist height (2000mm ARL). At waist height the 22.96m SVG is approximately 40mm narrower than the Mark III Coach. It may be possible to increase the width if the minimum applicable curve radius is increased (e.g. from 120m to 160m) or if a KE Template study is undertaken. It is recommended that these areas are investigated.
- The 22.96m End Door configuration reports slightly better clearances than the 1/3, 2/3 configuration. This is likely due to the removal of the footstep gauge located at the centre.
- The majority of Exception structures occur against structures identified as containing vegetation.
- The majority of exception structures occur on routes where it is likely that 23m vehicles will operate.
- If the 22.96m SVG specified in this report is proposed for Railway Group Standards it is recommended the Exception Structures are subject to further investigation. Investigation should be similar to that carried out for the suburban SVG report including OMNICON assessment and desktop optioneering. The scope should only include those structure not already reviewed as part of the 20.38m SVG study.
- Any structures with Special Reduced or Reduced clearances reported to SVG are proposed to be permitted for operation and their clearances managed by Network Rail, subject to an agreement on the costs for possible enhanced maintenance and inspection regime to maintain these clearances

It should be noted that 22.96m SVG established from the 20.38m SVG may be sub-optimal as the original SVG-3 was optimised based upon structure clearances derived for a 20m vehicle. It is therefore also a recommendation of this report that a fully optimised 23m vehicle gauge is established using the KE Template methodology used to define the original SVG.

6 References

- [1] Current Railway Group Standards <http://www.rgsonline.co.uk/>
- [2] Current Railway Group Standards <http://www.ihsti.com>
- [3] BBRail Project Report BBRT-9788-010-001-11 "Development of a Suburban Vehicle Gauge Concluding Report" dated 14th May 2013.
- [4] BBRail Project Report BBRT-9788-010-003-03 "Project T978-01 Variation Stage 2 22.96m SVG Specification (based upon width reduced 20m SVG-3)" dated 27th September 2013.
- [5] Suburban KE 'DG-TR-0024 Suburban Gauge Dynamic Envelope' DGauge Ltd, Issue 2, 2nd August 2011
- [6] Vehicle/Structures Systems Interface Committee meeting 18th September 2013.
- [7] E-mail from Nikhil Kapur (RSSB) to David Buckley (BBRail) "Project T978 Stage 3 Next Steps" dated 20th September 2013 16:10.
- [8] Panel 12 work undertaken on behalf of RSSB for inclusion into European Standard EN15273.
- [9] BBRail Project Report BBRT-9788-010-004-01 "Project T978-01 Development of a Suburban Vehicle Gauge Variation for Expanded Routes OMNICO Study" DRAFT dated 18th September 2013.

Appendix A

Clearance Specification

Software

HyperRoute

Infrastructure Data

July 2013 NGD

Vehicle Models

LV-23mSVG-2

Suspension Conditions

Tare and Crush Inflated and Deflated

Speed

Current linespeed specified in the NGD

Transition Threshold

5m

Cant Deficiency Peg

350mm

Track Tolerances

The following Track Tolerances taken from RGS GC/RT5212 were used depending on the track fixity held within the NGD at each location:

	Low Track Fixity (Normal)	Medium Track Fixity (Tight)	High Track Fixity (Fixed)
Track Alignment	25mm	15mm	0mm
Cross Level Error	10mm	7.5mm	0mm
Track Lift	15mm	15mm	0mm
Track Lower	10mm	10mm	0mm

Vehicle Tolerances

Vehicle Tolerances were applied in accordance with the relevant vehicle model.

Measurement Accuracy

Applied in accordance with structure accuracy, taken from NGD (not 3203 tolerances for consistency)

Frequency of Monitoring

Not Applicable

Structure Clearances

100mm	LH Top			RH Top	3300mm A.R.L
100mm	LH Upp			RH Upp	3000mm A.R.L
100mm	LH Win			RH Win	2000mm A.R.L
100mm	LH Low			RH Low	1100mm A.R.L
50mm	LH Bot			RH Bot	

Appendix B

Curve Overthrow Calculations

20.38m Curve Overthrow Calculations (based on SVG-3)

Displacement towards the inside of a horizontal curve was calculated using the formula:

$$dg_i = R - b_i - \sqrt{\left(\frac{a}{2} - n_i\right)^2 + \left(\sqrt{R^2 - \frac{p^2}{4} - \frac{a^2}{4}} - b_i\right)^2} \quad (\text{Eq.3})$$

Displacement towards the outside of a horizontal curve was calculated using the formula:

$$dg_a = \sqrt{\left(\frac{a}{2} + n_a\right)^2 + \left(\sqrt{R^2 - \frac{p^2}{4} - \frac{a^2}{4}} + b_a\right)^2} - R - b_a \quad (\text{Eq.4})$$

Where:

- (*subscript*) a = outside of curve
- (*subscript*) i = inside of curve
- dg = Horizontal overthrow
- R = Horizontal Radius (120m)
- b = Semi width of SVG (1.410m)
- a = Bogie Centres (14.173)
- n = Section distance from closest pivot ($n_i = 7.0865\text{m}$, $n_a = 3.1035\text{m}$)
- p = Bogie Wheelbase (2.6m)

Detailed calculations are outlined below

$$dg_i = 120 - 1.410 - \sqrt{\left(\frac{14.173}{2} - 7.0865\right)^2 + \left(\sqrt{120^2 - \frac{2.6^2}{4} - \frac{14.173^2}{4}} - 1.410\right)^2} \quad (\text{Eq.5})$$

$$dg_i = 120 - 1.410 - \sqrt{0 + (119.7835 - 1.410)^2} \quad (\text{Eq.6})$$

$$dg_i = 216.500\text{mm} \quad (\text{Eq.7})$$

$$dg_a = \sqrt{\left(\frac{14.173}{2} + 3.1035\right)^2 + \left(\sqrt{120^2 - \frac{2.6^2}{4} - \frac{14.173^2}{4}} + 1.410\right)^2} - 120 - 1.410 \quad (\text{Eq.8})$$

$$dg_a = \sqrt{(10.19)^2 + (119.7835 + 1.410)^2} - 120 - 1.410 \quad (\text{Eq.9})$$

$$dg_a = 211.135\text{mm} \quad (\text{Eq.10})$$

22.96m Long SVG Curve Overthrow Calculations

Displacement towards the inside of a horizontal curve was calculated using the formula:

$$dg_i = R - b_i - \sqrt{\left(\frac{a}{2} - n_i\right)^2 + \left(\sqrt{R^2 - \frac{p^2}{4} - \frac{a^2}{4}} - b_i\right)^2} \quad (\text{Eq.11})$$

Displacement towards the outside of a horizontal curve was calculated using the formula:

$$dg_a = \sqrt{\left(\frac{a}{2} + n_a\right)^2 + \left(\sqrt{R^2 - \frac{p^2}{4} - \frac{a^2}{4}} + b_a\right)^2} - R - b_a \quad (\text{Eq.12})$$

Where:

- (*subscript*) a = outside of curve
- (*subscript*) i = inside of curve
- dg = Horizontal overthrow
- R = Horizontal Radius (120m)
- b = Semi width of SVG (1.410m)
- a = Bogie Centres (16.000)
- n = Section distance from closest pivot ($n_i = 8\text{m}$, $n_a = 3.48\text{m}$)
- p = Bogie Wheelbase (2.6m)

Detailed calculations are outlined below

$$dg_i = 120 - 1.410 - \sqrt{\left(\frac{16}{2} - 8\right)^2 + \left(\sqrt{120^2 - \frac{2.6^2}{4} - \frac{16^2}{4}} - 1.410\right)^2} \quad (\text{Eq.13})$$

$$dg_i = 120 - 1.410 - \sqrt{0 + (119.7260 - 1.410)^2} \quad (\text{Eq.14})$$

$$dg_i = 216.4806\text{mm} \quad (\text{Eq.15})$$

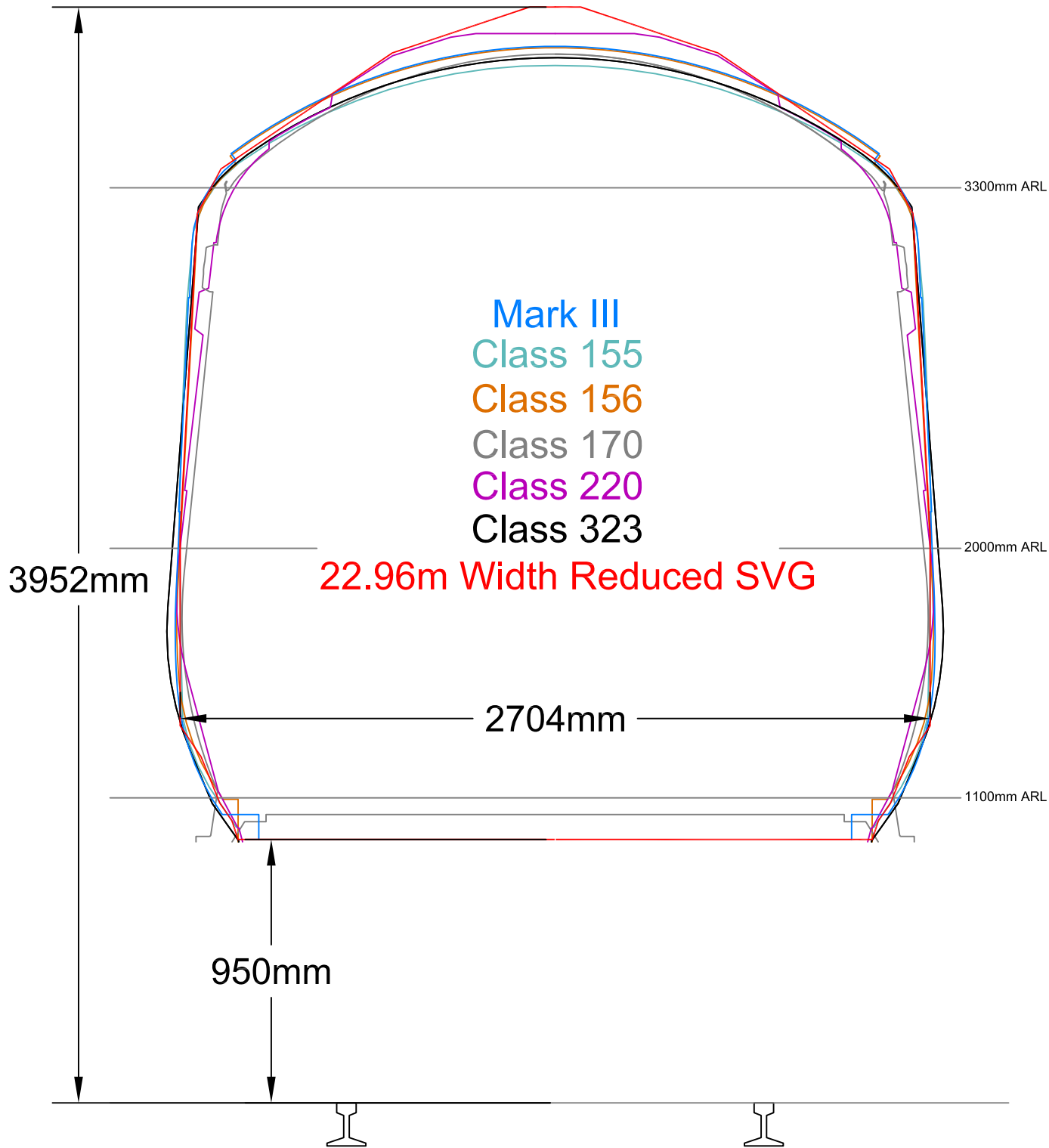
$$dg_a = \sqrt{\left(\frac{16}{2} + 3.48\right)^2 + \left(\sqrt{120^2 - \frac{2.6^2}{4} - \frac{16^2}{4}} + 1.410\right)^2} - 120 - 1.410 \quad (\text{Eq.16})$$

$$dg_a = \sqrt{(11.48)^2 + (119.7260 + 1.410)^2} - 120 - 1.410 \quad (\text{Eq.17})$$

$$dg_a = 268.740\text{mm} \quad (\text{Eq.18})$$

Appendix C

Existing 23m Vehicle Details Summary and Comparison



Vehicle	Class	Description	Manufacturer	Bogie Pivot Ctrs (m)	Dimensions from Vehicle Library		End Footstep Position (m) from C/L	
					Reference (m)	End Section (m)	Minimum	Maximum
CI 153	Diesel Multiple Unit (DMU)	SUPER SPRINTER	Hunslet Barclay, Kilmarnock	16.000	23.200	11.285	9.170	9.960
CI 155	Diesel Multiple Unit (DMU)	SUPER SPRINTER	Leyland Bus	16.000	23.210	11.285	9.170	9.960
CI 156	Diesel Multiple Unit (DMU)	SUPER SPRINTER	Metro Cammell	16.000	23.030	11.193	9.329	10.110
CI 158	Diesel Multiple Unit (DMU)	BREL	BREL	16.000	23.210	11.080		9.380
CI 159	Diesel Multiple Unit (DMU)	BREL	BREL, Rosyth	16.000	22.160	11.080		9.380
CI 165/0	Diesel Multiple Unit (DMU)	NETWORK TURBO	BREL	16.000	23.250	11.160		
CI 165/1	Diesel Multiple Unit (DMU)	NETWORK TURBO	BREL	16.000	23.250	11.160		
CI 166	Diesel Multiple Unit (DMU)	NETWORK EXPRESS TURBO	ABB	16.000	23.500	11.650		
CI 168	Diesel Multiple Unit (DMU)	CLUBMAN	Adtranz/Bombardier Transpo	16.000	23.610	11.211		
CI 170	Diesel Multiple Unit (DMU)	TURBOSTAR	Adtranz/Bombardier Transpo	16.000	24.100	11.482		
CI 171	Diesel Multiple Unit (DMU)	TURBOSTAR	Bombardier Transportation	16.000	24.100	11.211		
CI 172	Diesel Multiple Unit (DMU)	TURBOSTAR	Bombardier Transportation	16.000	23.030	11.572		
CI 175	Diesel Multiple Unit (DMU)	CORADIA 1001 (Driving Car)	Alstom	16.000	23.060	11.143	8.932	9.984
CI 180	Diesel Multiple Unit (DMU)	ADELANTE (Driving Car)	Alstom	16.000	23.030	11.143	7.908	9.984
CI 185	Diesel Multiple Unit (DMU)	DESIRO UK	Siemens	16.000	23.763	11.498		
CI 220	Diesel Multiple Unit (DMU)	VOYAGER (Driving Car)	Bombardier Transportation	16.000	23.000	11.183		9.631
CI 221	Diesel Multiple Unit (DMU)	SUPER VOYAGER	Bombardier Transportation	16.000	23.000	11.183		9.631
CI 222	Diesel Multiple Unit (DMU)	MERIDIAN/PIONEER	Bombardier Transportation	16.000	23.000	11.183		9.631
CI 323	Electric Multiple Unit (EMU)	Birmingham& Greater Manch	Hunslet Transportation	16.000	23.370	11.420		
CI 332	Electric Multiple Unit (EMU)	HEATHROW EXPRESS	Siemens	16.000	23.350	11.450		
CI 333	Electric Multiple Unit (EMU)	WEST YORKSHIRE AREA (Subu	Siemens	16.000	22.900	11.450		
CI 380	Electric Multiple Unit (EMU)	DESIRO UK	Siemens	16.000	23.000	11.590		
CI 442	Electric Multiple Unit (EMU)	Wessex Express	BREL, Derby	16.000	22.150	11.285		10.550
CI 444	Electric Multiple Unit (EMU)	DESIRO UK	Siemens	16.000	23.570	11.385		9.683
Average					23.20	22.61	8.90	9.82
Worse Case					24.10	23.30	7.91	10.55

Appendix D

22.96m SVG One Third Two Thirds Door Configuration Exception Structures List and Plots

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Flsp A (LSSG)			22.96m SVG Flsp B (Specific)			20m SVG Flsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
112610	DCL	3300	127.96	Sandy Lane [Bridge No.225B]	Underbridge	Structure Gauging Train LaserFlex	1.1	648	-518.1	2 of 16	foul	-518.1	2 of 16	foul	-518.1	2 of 16	foul	-575.4			Vegetation	Yes	-
256421	LECI	1200	1.4	Sign Equipment 1 [1 Mile 39 Chains]	Linedside Furniture	Structure Gauging Train LaserFlex	0.6	1151	-421.9	1 of 2	foul	-421.9	1 of 2	foul	-421.9	1 of 2	foul	-463.2			Vegetation	Yes	-
26725	CGH	3500	10.697	Retaining Wall [10 Miles 55 Chains]	Wall	Structure Gauging Train LaserFlex	2.2	452	-397.2	4 of 4	foul	-397.2	4 of 4	foul	-397.2	4 of 4	foul	-450.8			Vegetation	Yes	-
125364	BSF	2100	1.2494	Retaining Wall [1 Miles 20 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	319	-393.9	13 of 44	foul	-393.9	13 of 44	foul	-393.9	13 of 44	foul	-440.3			Vegetation	No	-
29847	TJC2	2300	161.34	Retaining Wall [161 Miles 27 Chains]	Wall	Structure Gauging Train LaserFlex	2.3	2206	-392	8 of 19	foul	-392	8 of 19	foul	-392	8 of 19	foul	-439			Vegetation	No	-
90188	KGC	1100	0.5324	Retaining Wall [0 Miles 43 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1095	-340.6	8 of 28	foul	-340.6	8 of 28	foul	-340.6	8 of 28	foul	-387.3			Vegetation	No	-
256111	WSJ2	1500	143.14	Back to Back Speed Boards [143 Miles 13 Chains]	Linedside Furniture	Structure Gauging Train LaserFlex	1	2534	-336.5	1 of 2	foul	-336.5	1 of 2	foul	-336.5	1 of 2	foul	-389.6			Vegetation	Yes	-
250225	DCL	3300	128.3	Bordesley Viaduct (Spans 1-12) [128 Miles 23 Chains]	Viaduct	Structure Gauging Train LaserFlex	1.1	651	-335	6 of 30	foul	-335	7 of 30	foul	-335	7 of 30	foul	-394.3			Vegetation	Yes	-
199499	STR2	3400	6.2182	Rock Face [6 miles 17 chains]	Wall	Structure Gauging Train LaserFlex	2.2	2082	-333.2	9 of 22	foul	-333.2	9 of 22	foul	-333.2	9 of 22	foul	-371.9			Vegetation	Yes	-
32301	DCL	3300	128.06	Tenanted Arches Bedford Road [Bridge No.225D]	Viaduct	Structure Gauging Train LaserFlex	1.1	649	-328.5	1 of 20	foul	-328.5	1 of 20	foul	-328.5	1 of 20	foul	-380.8			Vegetation	Yes	-
1860	BOK2	1100	0.0017	Kenilsh Town Viaduct [Bridge No.1]	Viaduct	Structure Gauging Train LaserFlex	2.1	300	-306.2	15 of 236	foul	-306.2	16 of 236	foul	-306.2	15 of 236	foul	-357.5			Vegetation	No	-
244954	CWJ1	1100	4.8881	Retaining Wall [4 Miles 71 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	588	-305	28 of 61	foul	-305	30 of 61	foul	-305	28 of 61	foul	-333.9			Vegetation	No	-
162631	FGW	1100	0.0222	Retaining Wall [0 Miles 2 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	864	-304.4	5 of 5	foul	-304.4	5 of 5	foul	-304.4	5 of 5	foul	-343.7			Vegetation	No	-
65218	STR2	3400	3.0074	Rock Face [3 Miles 0 Chains]	Wall	Structure Gauging Train LaserFlex	2.2	2081	-304.4	15 of 91	foul	-304.4	25 of 91	foul	-304.4	17 of 91	foul	-344.8			Vegetation	Yes	-
63029	SHL	1100	0.521	Coleham [Bridge No.9]	Underbridge	Structure Gauging Train LaserFlex	1.6	2001	-303.2	3 of 6	foul	-303.2	3 of 6	foul	-303.2	3 of 6	foul	-345.1			Vegetation	Yes	-
21321	BSL	3100	0.8313	Relief Line Viaduct [Bridge No.065]	Viaduct	Structure Gauging Train LaserFlex	1.9	306	-298.8	8 of 35	foul	-298.8	8 of 35	foul	-298.8	8 of 35	foul	-354.3			Vegetation	Yes	-
190958	HKS2	1100	36.886	S&T Box [36 Miles 70 Chains]	S&T	Structure Gauging Train LaserFlex	1	1057	-296.3	1 of 2	foul	-296.3	1 of 2	foul	-296.3	1 of 2	foul	-341.5			Vegetation	No	-
86862	VTB1	1100	1.329	Brands Viaduct [Viaduct No.11 - 17]	Viaduct	Structure Gauging Train LaserFlex	2	2297	-293.3	1 of 200	foul	-293.3	1 of 200	foul	-293.3	1 of 200	foul	-341.1			Vegetation	No	-
105563	WMB	1100	0.0574	Hythe Road [Bridge No.1]	Underbridge	Structure Gauging Train LaserFlex	2.1	2487	-284.1	3 of 4	foul	-284.1	3 of 4	foul	-284.1	3 of 4	foul	-313.7			Vegetation	No	-
228925	WVL	3100	9.5659	Rock Face [9 Miles 45 Chains]	Wall	Structure Gauging Train LaserFlex	1.5	2567	-279.9	10 of 32	foul	-279.9	10 of 32	foul	-279.9	10 of 32	foul	-309.8			Vegetation	Yes	-
3459	WME	3300	0.9955	Retaining Wall [1 Mile 78 Chains]	Wall	Structure Gauging Train LaserFlex	3.8	2489	-278.4	37 of 69	foul	-278.4	39 of 69	foul	-278.4	37 of 69	foul	-326			Vegetation	Yes	-
110585	CAM	1100	13.135	Pontypridd Viaduct [Bridge No.1310]	Viaduct	Structure Gauging Train LaserFlex	1.8	363	-278.3	6 of 14	foul	-278.3	7 of 14	foul	-278.3	7 of 14	foul	-279.3			Vegetation	No	-
235483	CAM	1100	13.135	Sig Poses [13 Miles 10 Chains]	Linedside Furniture	Structure Gauging Train LaserFlex	1.8	364	-278.3	1 of 1	foul	-278.3	1 of 1	foul	-278.3	1 of 1	foul	-308.3			Vegetation	No	-
118993	DCL	3300	128.12	Cowenry Road [A45] [Bridge No.226]	Underbridge	Structure Gauging Train LaserFlex	1.1	650	-272.4	1 of 6	foul	-272.4	1 of 6	foul	-272.4	1 of 6	foul	-328.8			Vegetation	Yes	-
122893	CRF1	3300	0.0761	Ecm1/5 York Way (also Crf1/5 & Crf3/5) [Bridge No.5]	Overbridge	Structure Gauging Train LaserFlex	2.1	556	-269.5	1 of 5	foul	-269.5	1 of 5	foul	-269.5	1 of 5	foul	-301.8			Vegetation	No	-
235954	SHL	1100	0.5744	Parapel Wall / Fence [0 Miles 45 Chains]	Wall	Structure Gauging Train LaserFlex	1.6	2002	-256.5	2 of 39	foul	-256.5	3 of 39	foul	-256.5	2 of 39	foul	-303.8			Vegetation	Yes	-
69435	VWVW	1100	24.688	Five Elms [Bridge No.19]	Underbridge	Structure Gauging Train LaserFlex	2.1	2350	-248.4	4 of 4	foul	-248.4	4 of 4	foul	-248.4	4 of 4	foul	-274.4			Vegetation	Yes	-
74699	WFPH	1100	57.224	Burton Road [Bridge No.89]	Underbridge	Structure Gauging Train LaserFlex	2	2497	-247.7	2 of 5	foul	-247.7	2 of 5	foul	-247.7	2 of 5	foul	-299.1			Vegetation	Yes	-
238711	FEL	3100	79.974	Linedside Building [79 Miles 77 Chains]	Wall	Structure Gauging Train LaserFlex	2.2	859	-247.6	2 of 5	foul	-247.6	2 of 5	foul	-247.6	2 of 5	foul	-295.2			Vegetation	Yes	-
41132	HHH	2100	3.7125	Arches 475-479 (hinton Rd Viaduct) [31166 (Geogis)]	Viaduct	Structure Gauging Train LaserFlex	2.1	1020	-244.3	1 of 6	foul	-244.3	1 of 6	foul	-244.3	1 of 6	foul	-296.3			Vegetation	No	-
218547	LTN1	1800	5.9761	Retaining Wall [5 Miles 78 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1290	-242.2	11 of 100	foul	-242.2	11 of 100	foul	-242.2	11 of 100	foul	-294.1			Vegetation	No	-
236443	RTJ2	1100	94.957	Culvert [Bridge No.51A]	Underbridge	Structure Gauging Train LaserFlex	1.9	1895	-240.7	5 of 10	foul	-240.7	5 of 10	foul	-240.7	5 of 10	foul	-279.8			Vegetation	Yes	-
43203	BAG1	1100	43.336	Retaining Wall [43 Miles 28 Chains]	Wall	Structure Gauging Train LaserFlex	1	88	-238.6	3 of 48	foul	-238.6	3 of 48	foul	-238.6	3 of 48	foul	-279.9			Vegetation	Yes	-
36786	HDT	1100	3.0881	Viaduct A453 - A512 [3 miles 7 chains]	Viaduct	Structure Gauging Train LaserFlex	2.2	983	-238.6	3 of 46	foul	-238.6	3 of 46	foul	-238.6	3 of 46	foul	-268.7			Vegetation	No	-
81682	LTJ1	3100	16.404	Rock Face [16 Miles 33 Chains]	Wall	Structure Gauging Train LaserFlex	1	1223	-238.6	2 of 9	foul	-238.6	2 of 9	foul	-238.6	2 of 9	foul	-275			Vegetation	No	-
77589	CN93	2100	240.11	Retaining Wall [240 Miles 11 Chains]	Wall	Structure Gauging Train LaserFlex	2.7	529	-235.9	8 of 10	foul	-235.9	8 of 10	foul	-235.9	8 of 10	foul	-284.2			Vegetation	Yes	-
60724	ECN3	2100	16.335	Retaining Wall [16 Miles 26 Chains]	Wall	Structure Gauging Train LaserFlex	3.4	799	-235.5	15 of 23	foul	-235.5	15 of 23	foul	-235.5	15 of 23	foul	-295.4			Vegetation	Yes	-
238682	FEL	3100	82.744	Linedside Building [82 Miles 59 Chains]	Wall	Structure Gauging Train LaserFlex	2.2	860	-234	2 of 3	foul	-234	2 of 3	foul	-234	2 of 3	foul	-291.6			Vegetation	Yes	-
14203	ATL	2100	5.1494	Coldharbour Lane [Arches 1&2]	Viaduct	Structure Gauging Train LaserFlex	2.1	43	-233.1	4 of 6	foul	-233.1	5 of 6	foul	-233.1	4 of 6	foul	-282.4			Vegetation	No	-
48018	MOB	3100	2.704	Teigngrace Venford Road [Bridge No.256T]	Underbridge	Structure Gauging Train LaserFlex	1.7	1556	-227.9	1 of 3	foul	-227.9	1 of 3	foul	-227.9	1 of 3	foul	-275			Vegetation	No	-
115278	BEX	2100	8.1977	Sidbrook Road [Bridge No.728]	Underbridge	Structure Gauging Train LaserFlex	2.8	151	-227.8	1 of 4	foul	-227.8	1 of 4	foul	-227.8	1 of 4	foul	-285.6			Vegetation	No	-
200736	WVL	2100	5.8903	Fence [5 Miles 1 Chain]	Wall	Structure Gauging Train LaserFlex	1.5	2558	-224.7	2 of 13	foul	-224.7	2 of 13	foul	-224.7	2 of 13	foul	-253.5			Vegetation	Yes	-
235503	THT	2100	14.834	Retaining Wall [14 Miles 66 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2186	-222.9	7 of 7	foul	-222.9	7 of 7	foul	-222.9	7 of 7	foul	-255.8			Vegetation	No	-
60723	ECN3	2100	16.21	Retaining Wall [16 Miles 17 Chains]	Wall	Structure Gauging Train LaserFlex	3.4	798	-222.7	7 of 36	foul	-222.7	7 of 36	foul	-222.7	7 of 36	foul	-275.8			Vegetation	Yes	-
150601	CAT	2100	3.4199	Arches 323-268 Belinda Rd Viaduct [Bridges W15, W16, W18, W20]	Viaduct	Structure Gauging Train LaserFlex	1.9	407	-219.3	9 of 67	foul	-219.3	9 of 67	foul	-219.3	9 of 67	foul	-269.9			Vegetation	No	-
17896	NFE	2100	10.2	Retaining Wall [10 Miles 16 Chains]	Wall	Structure Gauging Train LaserFlex	2	1671	-219.1	4 of 20	foul	-219.1	4 of 20	foul									

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Flsp A (LSSG)			22.96m SVG Flsp B (Specific)			20m SVG Flsp B			Comments	23m Route?	OMNCOM
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
223859	NKL	2100	14.539	Speed Road [14 Miles 43 Chains]	Linedrive Furniture	Structure Gauging Train LaserFlex	1.9	1719	-160.1	1 of 1	foul	-160.1	1 of 1	foul	-160.1	1 of 1	foul	-215.2	Vegetation	No	-		
18454	COC	2100	56.092	Retaining Wall [56 miles 8 chains]	Wall	Structure Gauging Train LaserFlex	2.2	545	-159.6	13 of 19	foul	-159.6	13 of 19	foul	-159.6	13 of 19	foul	-211.7	Vegetation	No	-		
54160	NGL	2100	29.265	Gullford [Viaduct No.49]	Viaduct	Structure Gauging Train LaserFlex	2.1	1689	-159.5	6 of 15	foul	-159.5	6 of 15	foul	-159.5	6 of 15	foul	-190.1	Vegetation	No	-		
68804	HAY2	1100	20.168	Retaining Wall [20 Miles 13 Chains]	Wall	Structure Gauging Train LaserFlex	2.2	944	-159.3	1 of 9	foul	-159.3	1 of 9	foul	-159.3	1 of 9	foul	-211.9	Vegetation	Yes	-		
184235	WHL	3100	9.9841	Cutting [10 Miles 11 Chains]	Wall	Structure Gauging Train LaserFlex	2.9	2444	-159.2	7 of 56	foul	-159.2	7 of 56	foul	-159.2	7 of 56	foul	-194.4	Vegetation	Yes	-		
228645	SWM2	2100	245.58	Fence [245 Miles 46 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2150	-158	5 of 27	foul	-158	5 of 27	foul	-158	5 of 27	foul	-213.3	Vegetation	Yes	-		
153973	WPH1	1100	59.531	Linedrive Building [59 miles, 44 chains, 1 yard]	Wall	Structure Gauging Train LaserFlex	2	2499	-158	2 of 3	foul	-158	2 of 3	foul	-158	2 of 3	foul	-209.1	Vegetation	Yes	-		
184350	CTC	2100	1.1693	Retaining Wall [1 Mile 14 Chains]	Wall	Structure Gauging Train LaserFlex	2.9	574	-157.4	17 of 21	foul	-157.4	17 of 21	foul	-157.4	17 of 21	foul	-184.3	Vegetation	No	-		
247626	SWM2	1800	205.47	Old Tramway [Bridge No.20537H]	Underbridge	Structure Gauging Train LaserFlex	1.8	2138	-130.9	2 of 4	foul	-157.4	3 of 4	foul	-130.9	2 of 4	foul	-179.7	Vegetation	Yes	-		
104582	GSW	1100	82.244	Rock [82 Miles 22 Chains]	Wall	Structure Gauging Train LaserFlex	2.7	932	-156.7	6 of 14	foul	-156.7	6 of 14	foul	-156.7	6 of 14	foul	-206	Vegetation	Yes	-		
23009	BEX	2100	7.3142	Signal Gantry [7 Miles 25 Chains]	Signal	Structure Gauging Train LaserFlex	1.6	150	-156.3	1 of 1	foul	-156.3	1 of 1	foul	-156.3	1 of 1	foul	-186.1	Vegetation	No	-		
47673	MLN4	1100	307.68	Scorrer Station [Up Platform]	Platform	Structure Gauging Train LaserFlex	1.7	1537	-91	2 of 25	foul	-156	4 of 25	foul	-122.5	2 of 25	foul	-151	Vegetation	Yes	-		
74580	WHL	3100	76.7	Underbridge [Bridge No.263]	Underbridge	Structure Gauging Train LaserFlex	2.9	2452	-115.7	1 of 5	foul	-156	1 of 5	foul	-120.2	1 of 5	foul	-167.4	Vegetation	Yes	-		
16252	EGM1	1100	35.928	Retaining Wall [35 Miles 74 Chains]	Wall	Structure Gauging Train LaserFlex	3.4	814	-155.8	5 of 17	foul	-155.8	5 of 17	foul	-155.8	5 of 17	foul	-211	Vegetation	Yes	-		
252016	LBW	1801	9.1517	Train Washer [9 Miles 12 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1129	-155.6	6 of 8	foul	-155.6	6 of 8	foul	-155.6	6 of 8	foul	-213	Vegetation	No	-		
44201	LJT1	3100	18.905	Rock Face [18 Miles 70 Chains]	Wall	Structure Gauging Train LaserFlex	1	1229	-155.5	1 of 11	foul	-155.5	1 of 11	foul	-155.5	1 of 11	foul	-181.8	Vegetation	No	-		
101318	VTB1	2200	8.9011	Gilted Road [Bridge No.52]	Overbridge	Structure Gauging Train LaserFlex	2	2314	-155.5	2 of 3	foul	-155.5	2 of 3	foul	-155.5	2 of 3	foul	-208.1	Vegetation	No	-		
234855	LSS	1100	40.994	Crossing [40 Miles 79 Chains]	Crossing	Structure Gauging Train LaserFlex	1.7	1256	-155	1 of 3	foul	-155	1 of 3	foul	-155	1 of 3	foul	-199.3	Vegetation	Yes	-		
247625	SWM2	1800	205.61	Linedrive Building [205 Miles 48 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2139	-154.8	2 of 3	foul	-154.8	2 of 3	foul	-154.8	2 of 3	foul	-206.8	Vegetation	Yes	-		
45860	SWM1	2100	97.799	Retaining Wall [97 Miles 65 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2111	-153.9	37 of 58	foul	-153.9	38 of 58	foul	-153.9	37 of 58	foul	-196.5	Vegetation	Yes	-		
253284	RNN1	2100	0.2011	Retaining Wall [0 Miles 16 Chains]	Wall	Structure Gauging Train LaserFlex	1	1885	-153.8	3 of 37	foul	-153.8	3 of 37	foul	-153.8	3 of 37	foul	-199.2	Vegetation	Yes	-		
138537	ECM6	3809	80.099	Newcastle Station [Platform 9]	Platform	Platform Gauge	1.4	747	-98.7	21 of 25	foul	-153.7	23 of 25	foul	-125.9	21 of 25	foul	-128	Vegetation	Yes	-		
89513	VOG	1100	9.7455	Stone Wall [9 Miles 59 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	2290	-153.5	2 of 2	foul	-153.5	2 of 2	foul	-153.5	2 of 2	foul	-197.8	Vegetation	Yes	-		
86061	LEJ	1100	18.306	River Mole Viaduct [Bridge No.22]	Underbridge	Structure Gauging Train LaserFlex	1.7	1195	-153	1 of 14	foul	-153	1 of 14	foul	-153	1 of 14	foul	-183.7	Vegetation	No	-		
95626	ATL	2100	5.2585	Coldharbour Lane [Arches 12 - 26]	Viaduct	Structure Gauging Train LaserFlex	2.1	44	-152.8	8 of 32	foul	-152.8	12 of 32	foul	-152.8	10 of 32	foul	-194.1	Vegetation	No	-		
60117	LTN1	2152	18.32	Retaining Wall [18 miles 23 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1318	-152	14 of 294	foul	-152	14 of 294	foul	-152	14 of 294	foul	-193.6	Vegetation	No	-		
46059	LENG	2100	89.947	Matlock Street [Bridge No.258]	Overbridge	Structure Gauging Train LaserFlex	1.2	1204	-151.2	1 of 3	foul	-151.2	1 of 3	foul	-151.2	1 of 3	foul	-191.5	Vegetation	Yes	-		
45328	SHL	1100	15.335	Retaining Wall [15 Miles 31 Chains]	Wall	Structure Gauging Train LaserFlex	1.6	2003	-151.2	9 of 11	foul	-151.2	9 of 11	foul	-151.2	9 of 11	foul	-208.8	Vegetation	Yes	-		
27650	ECM1	2100	3.9805	Retaining Wall [At Bridge No.22]	Wall	Structure Gauging Train LaserFlex	2.7	706	-150.8	3 of 3	foul	-150.8	3 of 3	foul	-150.8	3 of 3	foul	-202.7	Vegetation	No	-		
213007	HHH	2100	3.575	Viaduct [3 Miles 46 Chains]	Viaduct	Structure Gauging Train LaserFlex	2.1	1018	-150.6	8 of 11	foul	-150.6	8 of 11	foul	-150.6	8 of 11	foul	-203.7	Vegetation	No	-		
163428	ECN4	2100	28.155	Rock Face Cutting [28 Miles 12 Chains]	Wall	Structure Gauging Train LaserFlex	3.4	801	-150.1	2 of 58	foul	-150.1	3 of 58	foul	-150.1	2 of 58	foul	-199.2	Vegetation	Yes	-		
182081	SDI2	2100	3.9301	Rock Face [3 Miles 78 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	1981	-149.1	3 of 38	foul	-149.1	3 of 38	foul	-149.1	3 of 38	foul	-203	Vegetation	Yes	-		
101249	SHL	1100	43.59	River Lugg [Bridge No.4348HJ]	Underbridge	Structure Gauging Train LaserFlex	1.6	2009	-148.4	6 of 9	foul	-148.4	6 of 9	foul	-148.4	6 of 9	foul	-197.3	Vegetation	Yes	-		
61312	SAW	3100	2.604	Cook's [Bridge No.20792]	Underbridge	Structure Gauging Train LaserFlex	1.8	1912	-147.8	1 of 2	foul	-147.9	1 of 2	foul	-140.6	1 of 2	foul	-142.2	Vegetation	No	-		
90861	CNE3	3400	162.14	Rock Face [162 Miles 11 Chains]	Wall	Structure Gauging Train LaserFlex	1.1	509	-147.7	5 of 6	foul	-147.7	5 of 6	foul	-147.7	5 of 6	foul	-200.5	Vegetation	No	-		
109943	SDI2	2100	3.8898	Wall [3 Miles 71 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	1980	-147.6	7 of 8	foul	-147.6	7 of 8	foul	-147.6	7 of 8	foul	-200.9	Vegetation	Yes	-		
70665	AWL	1100	0.1534	Retaining Wall [0 miles 9 chains]	Wall	Structure Gauging Train LaserFlex	1.1	49	-146.6	5 of 13	foul	-146.6	5 of 13	foul	-146.6	5 of 13	foul	-184.2	Vegetation	Yes	-		
84578	COL	3801	189.34	Speed Restriction [189 Miles 27 Chains]	S&T	Unknown	18.6	552	-146.6	1 of 1	foul	-146.1	1 of 1	foul	-85.1	1 of 1	foul	-99.5	Vegetation	Yes	-		
41864	IOW	1100	0.9375	Rink Road [Bridge No.EW1/4 (Geogis)]	Overbridge	LaserSweep	4.5	1079	-145.6	1 of 1	foul	-145.6	1 of 1	foul	-145.6	1 of 1	foul	-160.2	#DIV/0!	Yes	-		
47970	MLN4	2100	317.99	Hayle Gullford Road [Bridge No.31800T]	Overbridge	Structure Gauging Train LaserFlex	1.7	1550	-145.1	3 of 4	foul	-145.1	3 of 4	foul	-145.1	3 of 4	foul	-190.4	Vegetation	Yes	-		
27029	STR2	3400	10.768	Rock Wall [10 Miles 59 Chains]	Wall	Structure Gauging Train LaserFlex	2.2	2083	-145.1	8 of 56	foul	-145.1	8 of 56	foul	-145.1	8 of 56	foul	-193.1	Vegetation	Yes	-		
86532	LEB	3100	1.6494	Rotherhithe Road [Arches 46-52 [11078]	Viaduct	Structure Gauging Train LaserFlex	2.1	1116	-144.4	14 of 30	foul	-144.4	14 of 30	foul	-144.4	15 of 30	foul	-185.4	Vegetation	No	-		
76430	CWJ1	1100	3.5688	Retaining Wall [3 Miles 45 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	-	-144	4 of 21	foul	-144	4 of 21	foul	-144	4 of 21	foul	-201.7	Vegetation	No	-		
215030	WVL	1100	5.8352	Steel Fence [5 Miles 66 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2553	-143.8	6 of 14	foul	-143.8	7 of 14	foul	-143.8	6 of 14	foul	-173.1	Vegetation	Yes	-		
103702	MLN1	1100	209.68	Retaining Wall [209 Miles 54 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	1424	-143.7	6 of 34	foul	-143.7	6 of 34	foul	-143.7	6 of 34	foul	-191.1	Vegetation	Yes	-		
205488	CAT	2100	5.0352	Peckham Rye Viaduct Arches 188 to 199 [5 Miles 2 Chains]	Viaduct	Structure Gauging Train LaserFlex	1.9	411	-143.4	2 of 21	foul	-143.4	3 of 21	foul	-143.4	2 of 21	foul	-182.9	Vegetation	No	-		
97518	CNE3	1100	237.04	Landegai [Bridge No.149]	Viaduct	Structure Gauging Train LaserFlex	1	522	-142.9	9 of 42	foul	-142.9	10 of 42	foul	-142.9	10 of 42	foul	-191.8	Vegetation	Yes	-		
61078	H2L2	1100	48.186	Rock Cutting Wall [48 Miles 3 Chains]	Wall	Structure Gauging Train LaserFlex	2.6	1005	-142.9	4 of 30	foul	-142.9	4 of 30	foul	-142.9	4 of 30	foul	-191.7	Vegetation	Yes	-		

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Flsp A (LSSG)			22.96m SVG Flsp B (Specific)			20m SVG Flsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
3821	NKL	1100	9.1057	Retaining Wall [9 Miles 9 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1705	-128.1	9 of 14	foul	-128.1	9 of 14	foul	-128.1	9 of 14	foul	-173.8			Vegetation	No	-
223808	NKL	2100	8.325	Fence [8 Miles 26 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1717	-128	3 of 21	foul	-128	3 of 21	foul	-128	3 of 21	foul	-173.8			Vegetation	No	-
86537	LBC	3100	1.7864	Viaduct & Bolina Road [Bridge 508A, 508B, 213A]	Viaduct	Structure Gauging Train LaserFlex	2.1	1117	-127.7	5 of 34	foul	-127.7	8 of 34	foul	-127.7	6 of 34	foul	-185.3			Vegetation	No	-
58326	SBJ	2100	39.8333	River Medway [Bridge No.610]	Underbridge	Structure Gauging Train LaserFlex	1.7	1932	-127.6	2 of 10	foul	-127.6	2 of 10	foul	-127.6	2 of 10	foul	-165.3			Vegetation	No	-
113909	ECM7	2200	16.932	Signal Gantry [16 Miles 74 Chains]	Signal	Structure Gauging Train LaserFlex	1.2	772	-127.3	1 of 1	foul	-127.3	1 of 1	foul	-127.3	1 of 1	foul	-178.2			Vegetation	Yes	-
55308	NAB	3100	8.6023	Seven Sisters [Bridge No.848]	Overbridge	Structure Gauging Train LaserFlex	1.6	1613	-127.2	1 of 3	foul	-127.2	1 of 3	foul	-127.2	1 of 3	foul	-181			Vegetation	No	-
237166	PWS1	1100	43.18	Fence [43 Miles 14 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1801	-126.9	15 of 76	foul	-126.9	15 of 76	foul	-126.9	15 of 76	foul	-184.8			Vegetation	No	-
23498	CAM	2100	7.9403	Afon Taff Viaduct [Bridge No.774H]	Viaduct	Structure Gauging Train LaserFlex	1.8	370	-126.8	1 of 15	foul	-126.8	1 of 15	foul	-126.8	1 of 15	foul	-165.8			Vegetation	No	-
95212	ECM1	2100	3.4	Harringay Station Footbridge [Bridge No.22]	Overbridge	Structure Gauging Train LaserFlex	2.7	707	-126	2 of 3	foul	-126	2 of 3	foul	-126	2 of 3	foul	-178.5			Vegetation	No	-
232367	NGL	1100	18.627	Fence [116 Miles 50 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1680	-125.5	12 of 37	foul	-125.5	13 of 37	foul	-125.5	12 of 37	foul	-167.3			Vegetation	No	-
50078	PAR	1100	282.12	Stream [Bridge No.9]	Underbridge	Laser Gauging Vehicle	0.7	1765	-18.2	2 of 3	foul	-124.5	2 of 3	foul	-75.6	2 of 3	foul	-90			Yes	Not Reviewed	
121688	LJT1	3100	18.255	Rock Face [18 Miles 21 Chains]	Wall	Structure Gauging Train LaserFlex	1	1227	-124.2	3 of 15	foul	-124.2	3 of 15	foul	-124.2	3 of 15	foul	-163.4			Vegetation	No	-
60596	RDG1	1200	4.8813	Wandsworth Town (arches 1 - 8) [Bridge No.6A]	Viaduct	Structure Gauging Train LaserFlex	2.1	1848	-124	4 of 15	foul	-124	4 of 15	foul	-124	4 of 15	foul	-177.1			Vegetation	Yes	-
79286	BDH	2100	0.2506	Retaining Wall [0 Miles 26 Chains]	Wall	Structure Gauging Train LaserFlex	1	132	-123.9	6 of 40	foul	-123.9	6 of 40	foul	-123.9	6 of 40	foul	-153.2			Vegetation	Yes	-
14202	ATL	1100	5.1477	Goldharbour Lane [Archs 1&2]	Viaduct	Structure Gauging Train LaserFlex	2	41	-123	4 of 5	foul	-123	4 of 5	foul	-123	4 of 5	foul	-171.2			Vegetation	No	-
51969	NGL	2100	28.835	Retaining Wall [28 Miles 66 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1688	-123	3 of 19	foul	-123	4 of 19	foul	-123	3 of 19	foul	-167.5			Vegetation	No	-
60310	RDG1	3100	2.4438	Stewart's Road Bridge [Bridge No.2/2]	Underbridge	Structure Gauging Train LaserFlex	2.8	1969	-94.7	1 of 3	foul	-123	1 of 3	foul	-94.7	1 of 3	foul	-152.6			Vegetation	No	-
162735	BML2	3103	107.97	Drivers Platform [107 Miles 78 Chains]	S&T	Structure Gauging Train LaserFlex	1.9	288	-33.6	3 of 3	foul	-122.9	3 of 3	foul	-70.1	3 of 3	foul	-121.6			Yes	Fixable Exception	
212700	SCP	2100	6.5045	Retaining Wall [6 Miles 40 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1953	-122.9	4 of 14	foul	-122.9	4 of 14	foul	-122.9	4 of 14	foul	-173.6			Vegetation	No	-
62292	SWM1	2100	102.22	Watts Or Stroud Viaduct [Bridge No.10216]	Viaduct	Structure Gauging Train LaserFlex	1.8	2119	-61.9	1 of 17	foul	-122.5	1 of 17	foul	-61.9	1 of 17	foul	-113.3			Vegetation	Yes	-
199869	SWM1	2100	102.24	10 Car Stop Marker [102 miles - 19 chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.8	2120	-61.9	1 of 1	foul	-122.5	1 of 1	foul	-61.9	1 of 1	foul	-113.3			Vegetation	Yes	-
182336	SWM2	2100	241.94	Rock Face [241 Miles 74 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2149	-122.3	4 of 20	foul	-122.3	4 of 20	foul	-122.3	4 of 20	foul	-172.6			Vegetation	Yes	-
49581	MLN1	3500	8.0415	Urbidge Road A4020 [Bridge No.804H]	Underbridge	Structure Gauging Train LaserFlex	1.6	1480	-122.1	2 of 11	foul	-122.1	2 of 11	foul	-122.1	2 of 11	foul	-176.8			Vegetation	Yes	-
52210	MLN3	2100	286.74	Terence Viaduct [Bridge No.28660H]	Viaduct	Structure Gauging Train LaserFlex	1.7	1532	-108	6 of 40	foul	-121.8	6 of 40	foul	-108	6 of 40	foul	-153			Vegetation	Yes	-
115634	ATL	2100	6.7909	Portside Road, Factory Lane Intersection, & Carriage Shed [Archs 645]	Viaduct	Structure Gauging Train LaserFlex	2.1	46	-60	10 of 69	foul	-121.8	19 of 69	foul	-74.2	13 of 69	foul	-106.8			Vegetation	No	-
104894	RDG1	2100	11.382	Retaining Wall [11 Miles 29 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1860	-121.1	5 of 53	foul	-121.1	5 of 53	foul	-121.1	5 of 53	foul	-175.6			Vegetation	Yes	-
183033	WEY	2100	106.02	Retaining Wall [106 Miles 6 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	2421	-121.1	7 of 24	foul	-121.1	7 of 24	foul	-121.1	7 of 24	foul	-174.6			Vegetation	Yes	-
24130	SD12	1100	6.2347	Retaining Wall [6 Miles 18 Chains]	Wall	Structure Gauging Train LaserFlex	1.6	1975	-120.9	15 of 17	foul	-120.9	15 of 17	foul	-120.9	15 of 17	foul	-173.5			Vegetation	Yes	-
114017	CW10	2100	224.44	Town Wall [Bridge No.112]	Overbridge	Structure Gauging Train LaserFlex	2.7	519	-120.6	1 of 4	foul	-120.6	1 of 4	foul	-120.6	1 of 4	foul	-160.5			Vegetation	Yes	-
43671	LTN1	1156	3.3767	Northern Outfall Sewer [Bridge No.52]	Underbridge	Structure Gauging Train LaserFlex	2.1	1287	-20.5	1 of 1	foul	-120.2	1 of 1	foul	-71.2	1 of 1	foul	-101.8			Vegetation	No	-
1847	AJB	2100	0.5568	Intersects BML1 [Bridge No.3]	Overbridge	Structure Gauging Train LaserFlex	2.1	7	-120	2 of 13	foul	-120	2 of 13	foul	-120	2 of 13	foul	-166.6			Vegetation	Yes	-
182783	BFB	1100	7.4727	Retaining Wall [7 Miles 37 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	153	-119.6	4 of 20	foul	-119.6	4 of 20	foul	-119.6	4 of 20	foul	-160.9			Vegetation	Yes	-
150600	CAT	2100	3.367	Gresham Road [Bridge No. 357 & 357A]	Underbridge	Structure Gauging Train LaserFlex	1.9	406	-119.3	2 of 6	foul	-119.3	2 of 6	foul	-119.3	2 of 6	foul	-168.2			Vegetation	No	-
138402	MLN4	2100	315.42	Overbridge [315 Miles 34 Chains]	Overbridge	Structure Gauging Train LaserFlex	1.7	1548	-119.3	3 of 3	foul	-119.3	3 of 3	foul	-119.3	3 of 3	foul	-168.7			Vegetation	Yes	-
11837	BAE2	1100	171.79	Exeter Central [Bridge No.17163]	Underbridge	Structure Gauging Train LaserFlex	1.9	81	-119.3	1 of 9	foul	-119	2 of 9	foul	-119.3	1 of 9	foul	-153.3			Vegetation	Yes	-
38309	RDG1	1200	4.6784	York Road [Bridge No.3/9]	Underbridge	Structure Gauging Train LaserFlex	2.1	1846	-100.1	1 of 7	foul	-118.9	1 of 7	foul	-100.1	1 of 7	foul	-152			Vegetation	Yes	-
224186	BTH1	2100	3.5824	Sign [3 Miles 46 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.1	334	-118.6	1 of 1	foul	-118.6	1 of 1	foul	-118.6	1 of 1	foul	-159.3			Vegetation	No	-
19781	BML2	3400	135.51	Monmouth Road [Bridge No.119]	Underbridge	Structure Gauging Train LaserFlex	1.6	291	-118	1 of 4	foul	-118	1 of 4	foul	-118	1 of 4	foul	-174.9			Vegetation	Yes	-
37473	HEN	3100	33.578	Lashbrook Viaduct [Bridge No.3349Q]	Viaduct	Structure Gauging Train LaserFlex	1.6	993	-117.7	9 of 18	foul	-117.7	9 of 18	foul	-117.7	9 of 18	foul	-175			Vegetation	Yes	-
92643	MLN3	2100	270.93	Derrycombe Viaduct [Bridge No.27075H]	Viaduct	Structure Gauging Train LaserFlex	1.7	1525	-97.7	2 of 20	foul	-117.7	3 of 20	foul	-97.7	2 of 20	foul	-150.2			Vegetation	Yes	-
51247	MLG2	3500	31.913	Lloyding Bank Wall [Anisag Siding Loading Bank]	Wall	Unknown	20.7	1408	-10.2	2 of 2	special reduced	-117.6	2 of 2	foul	-63.3	2 of 2	foul	-92.3			Yes	No Action	
3822	NKL	1100	9.034	Retaining Wall [9 Miles 1 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1704	-117.2	11 of 20	foul	-117.2	11 of 20	foul	-117.2	11 of 20	foul	-164.1			Vegetation	No	-
40857	HHH	2200	3.3142	Lifford Road (mets) [Bridge No.362A (Geogis)]	Underbridge	Structure Gauging Train LaserFlex	2.1	1022	-67.5	1 of 4	foul	-117	1 of 4	foul	-59.1	1 of 4	foul	-118.5			Vegetation	No	-
113398	VIR	2100	2.4756	Cottage Grove Arches 630-628A [Bridge No.W231]	Viaduct	Structure Gauging Train LaserFlex	1.7	2268	-116.7	1 of 16	foul	-116.7	1 of 16	foul	-116.7	1 of 16	foul	-163.6			Vegetation	No	-
19878	CAT	2100	5.2034	Rye Lane [Bridge No.429A]	Underbridge	Structure Gauging Train LaserFlex	1.9	412	-116.6	2 of 6	foul	-116.6	2 of 6	foul	-116.6	2 of 6	foul	-155.9			Vegetation	No	-
84628	SWM2	1100	216.95	Retaining Wall [216 Miles 76 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2133	-116.6	26 of 45	foul	-116.6	26 of 45	foul	-116.6	26 of 45	foul	-167.4			Vegetation	Yes	-
120166	MLN																						

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fsp A (LSSG)			22.96m SVG Fsp B (Specific)			20m SVG Fsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
12277	YMS	1100	0.5392	Retaining Wall [0 miles 44 chains]	Wall	Structure Gauging Train LaserFlex	1.9	2602	-106.2	5 of 21	foul	-106.2	5 of 21	foul	-106.2	5 of 21	foul	-162.5	Vegetation	Yes	-	-	
47229	HLL1	3602	0.0006	Hull Station [Platform 2]	Platform	Platform Gauge	1.1	1046	-106.1	16 of 28	foul	-106.1	24 of 28	foul	-106.1	17 of 28	foul	-74.9	Vegetation	Yes	-	Fixable Exception	
72893	WEY	3100	115.31	River Frome [Bridge No.11525]	Underbridge	Structure Gauging Train LaserFlex	1.9	2425	-105.9	1 of 7	foul	-105.9	1 of 7	foul	-105.9	1 of 7	foul	-151.1	Vegetation	Yes	-	-	
24888	CBR2	1100	40.077	Suton Parkway Station [Up Platform]	Platform	Structure Gauging Train LaserFlex	2.7	449	-112.2	9 of 38	foul	-105.2	13 of 38	foul	-98.6	11 of 38	foul	-92.7	Vegetation	Yes	-	-	
111330	MLN1	3612	0.0386	Paddington Station [Platform 12]	Platform	Platform Gauge	1	1493	-104.9	3 of 41	foul	-104.9	17 of 41	foul	-104.9	3 of 41	foul	-104.9	3 of 41	foul	Vegetation	Yes	-
8424	DAE2	2100	8.3926	Shildon Station [Down Platform]	Platform	Platform Gauge	2.1	621	-104.7	9 of 10	foul	-104.7	9 of 10	foul	-104.7	9 of 10	foul	-106.8	Vegetation	Yes	-	Resurvey	
109881	MLG2	3600	39.409	Mallaig Station [Platform 2]	Platform	Platform Gauge	1	1409	-104.5	13 of 23	foul	-104.5	23 of 23	foul	-104.5	13 of 23	foul	-87.3	Vegetation	Yes	-	Resurvey	
51497	MLN1	1100	106.62	Dolemeads Viaduct [Bridge No.10649H]	Viaduct	Structure Gauging Train LaserFlex	1.9	1418	-85.1	7 of 45	foul	-104.5	11 of 45	foul	-85.1	10 of 45	foul	-136.3	Vegetation	Yes	-	-	
5474	AAV	2100	35.523	Park Street [Bridge No.15]	Underbridge	Structure Gauging Train LaserFlex	2.1	2	-104.4	1 of 7	foul	-104.4	1 of 7	foul	-104.4	1 of 7	foul	-151.7	Vegetation	No	-	-	
218774	BLU1	2100	12.718	Fence [12 Miles 57 Chains]	Wall	Structure Gauging Train LaserFlex	2	217	-104.4	5 of 7	foul	-104.4	5 of 7	foul	-104.4	5 of 7	foul	-162.1	Vegetation	Yes	-	-	
232800	BAE2	3400	104.99	Retaining Wall [104 Miles 79 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	87	-104.2	9 of 27	foul	-104.2	9 of 27	foul	-104.2	9 of 27	foul	-162	Vegetation	Yes	-	-	
157932	SDI2	1100	3.9153	Retaining Wall [3 Miles 73 Chains]	Wall	Structure Gauging Train LaserFlex	1.6	1973	-99.2	5 of 6	foul	-104.2	5 of 6	foul	-99.2	5 of 6	foul	-153.5	Vegetation	Yes	-	-	
121646	IOW	2100	1.0267	Park Road [Bridge No.EW1/5 (Geogis)]	Overbridge	LaserSweep	4.5	1084	-104.1	1 of 1	foul	-104.1	1 of 1	foul	-104.1	1 of 1	foul	-119.1	#DIV/0!	Vegetation	Yes	-	-
183596	BUW2	1100	6.9176	Wall [6 Miles 75 Chains]	Wall	Structure Gauging Train LaserFlex	1	202	-104	5 of 9	foul	-104	5 of 9	foul	-104	5 of 9	foul	-153	Vegetation	Yes	-	-	
80138	FHR6	2100	30.166	Meadow Bottom [Bridge No.2]	Underbridge	Structure Gauging Train LaserFlex	0.7	880	-103.8	1 of 6	foul	-103.8	1 of 6	foul	-103.8	1 of 6	foul	-153.2	Vegetation	Yes	-	-	
242804	PW1S1	2100	39.932	Fence [39 Miles 74 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1802	-103.5	1 of 7	foul	-103.5	1 of 7	foul	-103.5	1 of 7	foul	-150.1	Vegetation	No	-	-	
128851	CAT	1100	3.1347	Broxton Station [Up Platform]	Platform	Structure Gauging Train LaserFlex	2.1	395	-93.8	2 of 13	foul	-102.8	5 of 13	foul	-93.8	2 of 13	foul	-147.6	Vegetation	No	-	-	
17137	BLU1	1100	4.8216	Half Viaduct (Upside Only) [Viaduct No.445A]	Viaduct	Structure Gauging Train LaserFlex	2	211	17.8	2 of 5	specialreduced	-102.5	3 of 5	foul	-41.5	2 of 5	foul	-69.3	Vegetation	Yes	-	-	
34919	FHR6	2100	22.464	Mosley House Farm [Bridge No.43]	Underbridge	Structure Gauging Train LaserFlex	0.7	879	-102.4	2 of 4	foul	-102.4	2 of 4	foul	-102.4	2 of 4	foul	-151.4	Vegetation	Yes	-	-	
14243	ATL	2100	7.1869	Patcham Terrace [Arches 59 - 73]	Viaduct	Structure Gauging Train LaserFlex	2.1	48	-8	1 of 29	foul	-102.2	1 of 29	foul	-48.4	1 of 29	foul	-73.3	Vegetation	No	-	-	
133019	YMS	3605	41.981	Scarborough Station [Platform 5]	Platform	Platform Gauge	3.8	2612	-102.2	13 of 26	foul	-102.2	24 of 26	foul	-102.2	15 of 26	foul	-71.1	Vegetation	Yes	-	-	
86370	CNE1	2100	166.46	Wall [166 Miles 35 Chains]	Wall	Structure Gauging Train LaserFlex	1.1	505	-102.1	14 of 28	foul	-102.1	18 of 28	foul	-102.1	15 of 28	foul	-152.9	Vegetation	No	-	-	
23495	CAM	2100	9.154	Willowford Road [Bridge No.91Q0]	Underbridge	Structure Gauging Train LaserFlex	1.8	371	-76.8	1 of 3	foul	-102	3 of 3	foul	-76.8	1 of 3	foul	-111.2	Vegetation	No	-	-	
252008	HHT	1200	4.0727	Half Moon Ln Underbridge [4 Miles 5 Chains]	Underbridge	Structure Gauging Train LaserFlex	2.1	1026	-102	1 of 6	foul	-102	1 of 6	foul	-102	1 of 6	foul	-158.9	Vegetation	No	-	-	
103529	BDH	1100	0.4636	Edgware Road [Bridge No.2]	Overbridge	Structure Gauging Train LaserFlex	1	131	-101.9	1 of 7	foul	-101.9	1 of 7	foul	-101.9	1 of 7	foul	-143.1	Vegetation	Yes	-	-	
265698	OWW	2100	96.764	Fence [96 Miles 61 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	1752	-101.9	5 of 56	foul	-101.9	5 of 56	foul	-101.9	5 of 56	foul	-156.8	Vegetation	Yes	-	-	
119776	ECM8	2100	0.9307	Milton Street [Bridge No.4]	Underbridge	Structure Gauging Train LaserFlex	1.2	777	-101.6	2 of 8	foul	-101.6	3 of 8	foul	-101.6	2 of 8	foul	-149.6	Vegetation	Yes	-	-	
35076	GDW	3400	0.9074	Dining Station [Single Platform]	Platform	Platform Gauge	0.9	907	-101.6	21 of 24	foul	-101.6	21 of 24	foul	-101.6	21 of 24	foul	-151.4	Vegetation	No	-	Fixable Exception	
120544	WAH	3100	120.7	Rainbow Walk [Bridge No.1205H]	Underbridge	Structure Gauging Train LaserFlex	2.65	285	-101.4	2 of 4	foul	-101.4	2 of 4	foul	-101.4	2 of 4	foul	-120.6	Vegetation	Yes	-	-	
91764	NKL	1100	9.2057	Retaining Wall [9 Miles 15 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1706	-101.3	3 of 22	foul	-101.3	3 of 22	foul	-101.3	3 of 22	foul	-149.2	Vegetation	No	-	-	
60986	RDG1	1100	19.586	Chertsey Lane [Bridge No.43]	Underbridge	Structure Gauging Train LaserFlex	2.1	1843	-101.1	3 of 6	foul	-101.1	3 of 6	foul	-101.1	3 of 6	foul	-146.7	Vegetation	Yes	-	-	
110124	BOK1	1100	4.8074	Underbridge [Bridge No.96 To Bridge No.78]	Viaduct	Structure Gauging Train LaserFlex	2.1	298	-100.8	2 of 28	foul	-100.8	2 of 28	foul	-100.8	2 of 28	foul	-157.5	Vegetation	No	-	-	
112193	OWVW	2100	85.982	Kingham [Bridge No.8578]	Overbridge	Structure Gauging Train LaserFlex	1.8	1751	-100.6	1 of 2	foul	-100.6	1 of 2	foul	-100.6	1 of 2	foul	-157.6	Vegetation	Yes	-	-	
8067	RDG1	1200	5.5665	Retaining Wall [5 Miles 45 Chains 2 Yards]	Wall	Structure Gauging Train LaserFlex	2.1	1849	-100.4	15 of 44	foul	-100.4	17 of 44	foul	-100.4	15 of 44	foul	-141.5	Vegetation	Yes	-	-	
29321	GOZ2	2100	126.58	Gourcock Station [Platform 3]	Platform	Platform Gauge	1	916	-100.2	14 of 37	foul	-100.2	36 of 37	foul	-100.2	14 of 37	foul	-71	Vegetation	No	-	-	
106178	TOR	2100	216.37	Kingskerswell Station [Down Platform]	Platform	Structure Gauging Train LaserFlex	1.7	2226	-64	5 of 40	foul	-100	9 of 40	foul	-64	6 of 40	foul	-121.5	Vegetation	Yes	-	-	
250996	LTN1	1152	0.6659	Parapet Wall / Fence [0 Miles 53 Chains]	Wall	Structure Gauging Train LaserFlex	1.2	1273	-99.8	6 of 36	foul	-99.8	6 of 36	foul	-99.8	6 of 36	foul	-145.8	Vegetation	No	-	-	
256601	OWW	2100	98.516	Lineside Building [98 Miles 41 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	1753	-99.8	1 of 2	foul	-99.8	1 of 2	foul	-99.8	1 of 2	foul	-152.2	Vegetation	Yes	-	-	
41872	IOW	2100	1.9727	Smallbrook Lane Bridge [Bridge No.EW1/12 (Geogis)]	Overbridge	LaserSweep	4.5	1085	-99.3	1 of 1	foul	-99.3	1 of 1	foul	-99.3	1 of 1	foul	-132.2	#DIV/0!	Vegetation	Yes	-	-
129346	BAE2	3100	171.79	Exeter Central [Bridge No.17163]	Underbridge	Structure Gauging Train LaserFlex	1.9	86	-99.2	2 of 8	foul	-99.2	2 of 8	foul	-99.2	2 of 8	foul	-138.6	Vegetation	Yes	-	-	
162600	SWM2	2100	114.27	London Road Viaduct [Bridge No.1142H1]	Viaduct	Structure Gauging Train LaserFlex	1.8	2141	-99.1	4 of 36	foul	-99.1	4 of 36	foul	-99.1	4 of 36	foul	-140.8	Vegetation	Yes	-	-	
26329	RT2	2100	95.421	Retaining Wall [95 Miles 33 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1897	-99	1 of 3	foul	-99	1 of 3	foul	-99	1 of 3	foul	-157	Vegetation	Yes	-	-	
48146	MLN4	2100	313.56	Retaining Wall [Retaining Wall]	Wall	Structure Gauging Train LaserFlex	1.7	1547	-98.9	2 of 19	foul	-98.9	2 of 19	foul	-98.9	2 of 19	foul	-156.6	Vegetation	Yes	-	-	
251427	LJT1	3100	21.268	Rock Face [21 Miles 21 Chains]	Wall	Structure Gauging Train LaserFlex	1	1233	-98.7	4 of 21	foul	-98.7	4 of 21	foul	-98.7	4 of 21	foul	-121.8	Vegetation	No	-	-	
129684	SWM2	2100	114.4	Here La/park St Viaduct [Bridge No.11432H]	Viaduct	Structure Gauging Train LaserFlex	1.8	2142	9.5	1 of 17	specialreduced	-98.7	1 of 17	foul	-61	1 of 17	foul	-91.4	Vegetation	Yes	-	-	
26167	CNE3	3400	161.6	Topley Pike (river Wye & Road) [Bridge No.7]	Underbridge	Structure Gauging Train LaserFlex	1.1	507	-98.6	5 of 14	foul	-98.6	5 of 14	foul	-98.6	5 of 14	foul	-150.6	Vegetation	No	-	-	
121514	MLN4	2100	309.98	Redruth Viaduct [Bridge No.30979]	Viaduct	Structure Gauging Train LaserFlex	1.7	1542	-98.5	3 of 39	foul	-98.5	4 of 39	foul	-98.5	4 of 39	foul	-137.3	Vegetation	Yes	-	-	
106479	SWM2	1100	216.3	Retaining Wall [216 Miles 25 Chains]	Wall																		

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fsp A (LSSG)			22.96m SVG Fsp B (Specific)			20m SVG Fsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
37466	HEN	3600	31.026	Twyford Station [Single Line Platform]	Platform	Platform Gauge	0.9	995	-89.5	12 of 23	foul	-89.5	22 of 23	foul	-89.5	12 of 23	foul	-65.3			Yes	-	-
10908	BAE1	2100	83.021	River Avon [Bridge No.232]	Underbridge	Structure Gauging Train LaserFlex	1.9	76	-89.3	1 of 8	foul	-89.3	1 of 8	foul	-89.3	1 of 8	foul	-129.6			Vegetation	Yes	-
36785	HOT	2100	3.0989	Viaduct A453 - A512 [3 miles 7 chains]	Viaduct	Structure Gauging Train LaserFlex	2.2	988	-89.2	2 of 44	foul	-89.2	2 of 44	foul	-89.2	2 of 44	foul	-146.8			Vegetation	No	-
53799	PBN	3608	17.449	Blackpool North Station [Platform 8]	Platform	Platform Gauge	4.3	1777	-4.8	3 of 21	specialreduced	-69	19 of 21	foul	-41.4	11 of 21	foul	-50.8			Yes	-	Fixable Exception
201971	BRY	1100	7.7761	Wall [7 Miles 65 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	312	-88.9	3 of 15	foul	-88.9	3 of 15	foul	-88.9	3 of 15	foul	-139			Vegetation	Yes	-
102747	NKL	1100	8.4631	Retaining Wall [8 Miles 36 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1701	-88.8	4 of 9	foul	-88.8	4 of 9	foul	-88.8	4 of 9	foul	-139.4			Vegetation	No	-
114474	CAW	2100	8.6767	Neasden Lane [Bridge No.7]	Underbridge	Structure Gauging Train LaserFlex	1	423	-88.5	1 of 5	foul	-88.5	1 of 5	foul	-88.5	1 of 5	foul	-143.6			Vegetation	Yes	-
146059	LTN1	2900	59.313	Manningtree Station [Platform 4]	Platform	Platform Gauge	0.5	1323	34.9	2 of 13	reduced	-88.4	13 of 13	foul	-35.7	9 of 13	foul	-68.1			No	-	-
44419	SDS	3100	291.67	Old Bridge Abutments [Overbridge 1 Yard]	Overbridge	Structure Gauging Train LaserFlex	1.7	1986	-88.2	1 of 1	foul	-88.2	1 of 1	foul	-88.2	1 of 1	foul	-145.6			Vegetation	No	-
15037	BEJ	2100	14.682	Eaves [14 Miles 54 Chains]	Tunnel	Structure Gauging Train LaserFlex	3.2	140	-88.1	35 of 79	foul	-88.1	35 of 79	foul	-88.1	35 of 79	foul	-137			Yes	-	Work Planned
217945	DCL	1300	65.787	Fence [65 Miles 62 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	637	-67.6	20 of 77	foul	-68	21 of 77	foul	-67.6	20 of 77	foul	-123.4			Vegetation	Yes	-
244970	CWJ	1100	3.6574	Retaining Wall [3 Miles 52 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	585	-87.8	12 of 178	foul	-87.8	12 of 178	foul	-87.8	12 of 178	foul	-145			Vegetation	No	-
186824	NEC2	2100	52.389	Garden Wall [52 Miles 31 Chains]	Wall	Structure Gauging Train LaserFlex	3.2	1646	-87.7	3 of 14	foul	-87.7	3 of 14	foul	-87.7	3 of 14	foul	-131.3			Vegetation	Yes	-
47160	LLA	2100	0.3449	Ynyspapas [Bridge No.27H]	Overbridge	Structure Gauging Train LaserFlex	1.8	1245	-87.5	2 of 5	foul	-87.5	2 of 5	foul	-87.5	2 of 5	foul	-143.9			Vegetation	Yes	-
23171	BLX	3400	0.1744	Spring Gardens [Bridge No.2]	Viaduct	Structure Gauging Train LaserFlex	1.1	358	-87.4	2 of 62	foul	-87.4	2 of 62	foul	-87.4	2 of 62	foul	-129.2			Vegetation	No	-
30486	DJP	3100	93.286	Llangelynnin Station [Single Line Platform]	Platform	Platform Gauge	14.3	659	-54.6	5 of 9	foul	-87.2	5 of 9	foul	-57.5	5 of 9	foul	-89.5			Yes	-	Resurvey
152582	IOW	3400	4.675	Branding Station Footbridge [Bridge No.7]	Overbridge	Laser Sweep	4.5	1087	-87.1	1 of 1	foul	-87.1	1 of 1	foul	-87.1	1 of 1	foul	-101.1			#DIV/0!	Yes	-
56549	SUB2	1100	1.2699	Craiglockart Station [Up Platform]	Platform	Structure Gauging Train Laser Rail	4.7	2096	9.2	2 of 18	specialreduced	-87.1	3 of 18	foul	-28.8	2 of 18	foul	-58.1			Yes	-	Resurvey
84583	SWM2	2407	170.31	Cardiff Central Station [Down Platform 7]	Platform	Platform Gauge	1.7	2155	-87.1	14 of 50	foul	-87.1	42 of 50	foul	-87.1	14 of 50	foul	-51.6			Yes	-	-
4860	CAW	1100	6.8773	Neasden Lane [Bridge No.7]	Underbridge	Structure Gauging Train LaserFlex	1	417	-86.9	2 of 5	foul	-86.9	2 of 5	foul	-86.9	2 of 5	foul	-142.3			Vegetation	Yes	-
85915	RDG1	2100	28.309	Retaining Wall [28 Miles 24 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1864	-86.9	2 of 2	foul	-86.9	2 of 2	foul	-86.9	2 of 2	foul	-144.9			Vegetation	Yes	-
106240	LIT1	3100	16.451	Rock Face [16 Miles 36 Chains]	Wall	Structure Gauging Train LaserFlex	1	1224	-86.7	4 of 9	foul	-86.7	4 of 9	foul	-86.7	4 of 9	foul	-114.1			Vegetation	No	-
102655	SCP	2100	6.8722	Victoria Lines [Bridge 1287A]	Underbridge	Structure Gauging Train LaserFlex	2.1	1954	-26.7	1 of 8	foul	-86.5	2 of 8	foul	-26.7	1 of 8	foul	-75.3			Vegetation	No	-
48034	OBN2	3100	71.419	Oban Station [Platform 3]	Platform	Platform Gauge	1	1746	-54.3	11 of 39	foul	-56.2	39 of 39	foul	-56	12 of 39	foul	-67.3			Yes	-	Fixable Exception
115633	ATH	2100	61.94	Warehorne [Bridge No.1802]	Underbridge	Structure Gauging Train LaserFlex	2	36	-85.9	1 of 6	foul	-85.9	1 of 6	foul	-85.9	1 of 6	foul	-143.8			Vegetation	No	-
11454	WVL	1100	5.8261	Public Footbridge [Bridge No.566]	Overbridge	Structure Gauging Train LaserFlex	1.8	2552	-85.7	1 of 3	foul	-85.7	1 of 3	foul	-85.7	1 of 3	foul	-121.9			Vegetation	Yes	-
130690	RDG1	1100	10.074	Old Deer Park Viaduct [Bridge No.3/33B]	Viaduct	Structure Gauging Train LaserFlex	2.1	1838	-85.6	4 of 30	foul	-85.6	4 of 30	foul	-85.6	4 of 30	foul	-129.3			Vegetation	Yes	-
76569	WJ2	1200	182.94	Diton Station [Platform 3]	Platform	Structure Gauging Train LaserFlex	3.2	2469	-41	10 of 27	foul	-85.4	25 of 27	foul	-57.5	17 of 27	foul	-91.2			Vegetation	Yes	-
227741	SWM2	1100	208.03	Fence [208 Miles 2 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2129	-84.8	1 of 7	foul	-84.8	1 of 7	foul	-84.8	1 of 7	foul	-142.5			Vegetation	Yes	-
61738	SDI2	1100	7.7148	Stream [Bridge No.75H]	Underbridge	Structure Gauging Train LaserFlex	1.6	1978	-42.8	2 of 5	foul	-54.6	2 of 5	foul	-42.8	2 of 5	foul	-103.8			Vegetation	Yes	-
19277	CAM	2100	13.126	Pontypridd Viaduct [Bridge No.1310]	Viaduct	Structure Gauging Train LaserFlex	1.8	375	-39	3 of 15	foul	-64.5	3 of 15	foul	-47.4	3 of 15	foul	-96.7			Vegetation	No	-
101368	MLN1	3609	0.0625	Paddington Station [Platform 9]	Platform	Platform Gauge	1	1491	-78.8	6 of 57	foul	-84.2	53 of 57	foul	-78.8	8 of 57	foul	-70			Yes	-	-
200218	AN1	3400	1.7148	Retaining Wall [1 mile- 57 chains- 10 yards]	Wall	Structure Gauging Train LaserFlex	4.7	22	-84.1	1 of 3	foul	-84.1	1 of 3	foul	-84.1	1 of 3	foul	-135.2			Vegetation	Yes	-
146408	MLN4	2100	310.26	Retaining Wall [310 Miles 19 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	1543	-83.8	1 of 11	foul	-83.8	1 of 11	foul	-83.8	1 of 11	foul	-137.5			Vegetation	Yes	-
235365	WPH1	1100	43.386	Retaining Wall [43 Miles 30 Chains]	Wall	Structure Gauging Train LaserFlex	2	2496	-83.8	2 of 8	foul	-83.8	2 of 8	foul	-83.8	2 of 8	foul	-139.9			Vegetation	Yes	-
106169	ECM6	3610	80.088	Newcastle Station [Platform 10]	Platform	Platform Gauge	1.4	748	-83.7	23 of 28	foul	-83.7	27 of 28	foul	-83.7	25 of 28	foul	-51.4			Yes	-	-
212678	LTN1	2154	0.3358	Sign Equipment [0 Miles 26 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.1	739	21	1 of 1	specialreduced	-83.7	1 of 1	foul	-36.3	1 of 1	foul	-65.1			No	-	-
60519	RCB	2100	4.2699	Overbridge [Bridge No.26]	Overbridge	Structure Gauging Train LaserFlex	2.2	1832	-83.7	2 of 4	foul	-83.7	2 of 4	foul	-83.7	2 of 4	foul	-139.6			Vegetation	Yes	-
201498	WEY	1100	105.84	Retaining Wall [105 Miles 67 Chains]	Wall	Structure Gauging Train LaserFlex	1.6	2412	-83.7	10 of 41	foul	-83.7	10 of 41	foul	-83.7	10 of 41	foul	-134.8			Vegetation	Yes	-
136509	ATL	1100	3.9256	Retaining Wall [3 Miles 74 Chains]	Wall	Structure Gauging Train LaserFlex	2	38	-83.6	3 of 68	foul	-83.6	3 of 68	foul	-83.6	3 of 68	foul	-132.4			Vegetation	No	-
113250	CYP	3100	3.5574	Retaining Wall [3 Miles 45 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	465	-83.6	1 of 27	foul	-83.6	2 of 27	foul	-83.6	2 of 27	foul	-131.1			Vegetation	No	-
BDP1	238377	1300	11.015	Moor Street [Bridge No.33]	Underbridge	Structure Gauging Train LaserFlex	1.7	623	-83.3	1 of 3	foul	-83.3	1 of 3	foul	-83.3	1 of 3	foul	-141.9			Vegetation	Yes	-
228818	WVL	3100	8.1597	Dissed [8 Miles 12 Chains]	Platform	Structure Gauging Train LaserFlex	1.5	2562	-58.8	11 of 32	foul	-82.4	16 of 32	foul	-58.8	12 of 32	foul	-107.6			Vegetation	Yes	-
4187	WPH1	2100	51.891	Cattle Arch Road [Bridge No.71]	Underbridge	Structure Gauging Train LaserFlex	2	2506	-82.2	3 of 3	foul	-82.2	3 of 3	foul	-82.2	3 of 3	foul	-141.3			Vegetation	Yes	-
40019	LBW	1100	1.5955	Jarrow Road Arch 500a - 500 [Bridge No.500A]	Viaduct	Structure Gauging Train LaserFlex	1.9	1121	-80.9	4 of 51	foul	-81.7	5 of 51	foul	-60.9	4 of 51	foul	-118.4			Vegetation	No	-
245506	SWM2	3403	158.52	Sign Post [158 Miles 41 Chains 11 Yards]	Lineside Furniture	Platform Gauge	1.3	2159	-81.7	1 of 1	foul	-81.7	1 of 1	foul	-81.7	1 of 1	foul	-82			Yes	-	-
106475	DAC	3100	173.75	Cowley Flood [Bridge No.12358H]	Underbridge	Structure Gauging Train LaserFlex	1.7	618	-24	1 of 10	foul	-81.6	1 of 10	foul	-33.6	1 of 10	foul	-74.4			Yes	-	Not Reviewed
103700	MLN1	1100	234.51	Retaining Wall [234 Miles 42 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	1428	-48	3 of													

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fsp A (LSSG)			22.96m SVG Fsp B (Specific)			20m SVG Fsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
65872	SKN	2100	42.499	Highgate Road [Bridge No.148]	Underbridge	Structure Gauging Train LaserFlex	1	2030	24.2	3 of 6	specialreduced	-74.7	4 of 6	foul	-74.7	3 of 6	foul	-66.9	3 of 6	foul	-	-	-
153112	SWM1	2100	101.56	British Gas Pipeline [Bridge No.10144.75N]	Overbridge	Structure Gauging Train LaserFlex	1.8	2116	-74.7	1 of 2	foul	-74.7	1 of 2	foul	-74.7	1 of 2	foul	-125.5	1 of 2	foul	-	-	-
100330	XTD	2200	0.5932	Mepharm Street North [Bridge No.15]	Underbridge	Structure Gauging Train LaserFlex	1.9	2584	90.1	1 of 4	reduced	-74.6	1 of 4	foul	14	1 of 4	specialreduced	-0.8	1 of 4	specialreduced	-	-	-
135329	LBC	1100	1.3188	Archdes 209-215c Baw Bdg 1m8ch & 1m28ch [10530]	Viaduct	Structure Gauging Train	2.1	1113	-2	1 of 13	foul	-74.3	1 of 13	foul	-20	1 of 13	foul	-84.1	1 of 13	foul	-	-	-
108787	ECM7	1200	0.4892	City Road [Bridge No.13]	Underbridge	Structure Gauging Train LaserFlex	1.2	757	-74.2	1 of 7	foul	-74.2	1 of 7	foul	-74.2	1 of 7	foul	-131.4	1 of 7	foul	-	-	-
128226	SBJ	1100	39.689	Intersects PWS2 [Bridge No.607]	Underbridge	Structure Gauging Train LaserFlex	1.7	1926	-74.2	3 of 5	foul	-74.2	3 of 5	foul	-74.2	3 of 5	foul	-132	3 of 5	foul	-	-	-
119261	TLL	2100	26.816	St. Margarets Road Footbridge [Bridge No.159]	Overbridge	Structure Gauging Train LaserFlex	2.1	2224	-74.2	2 of 2	foul	-74.2	2 of 2	foul	-74.2	2 of 2	foul	-129.1	2 of 2	foul	-	-	-
6572	FSS1	2100	5.292	Upton Park Station (Disused) [Down Platform]	Platform	Structure Gauging Train LaserFlex	2.1	888	64.5	1 of 39	reduced	-74.1	3 of 39	foul	-17.5	1 of 39	foul	-51.2	1 of 39	foul	-	-	-
239741	LBW	2200	1.925	Underbridge 1 Mile 74 Chains	Underbridge	Structure Gauging Train LaserFlex	2.1	1131	49.8	1 of 6	reduced	-74.1	1 of 6	foul	-23.5	1 of 6	foul	-53.3	1 of 6	foul	-	-	-
2956	AFR	2100	116.6	New Motorway Bridge (M5) [Bridge No.11648]	Underbridge	Structure Gauging Train LaserFlex	1.9	5	-74	2 of 14	foul	-74	2 of 14	foul	-74	2 of 14	foul	-126.8	2 of 14	foul	-	-	-
16142	BML1	1200	12.809	Windmill Lane [Bridge No.49]	Underbridge	Structure Gauging Train LaserFlex	2	237	-64.1	2 of 4	foul	-74	2 of 4	foul	-64.1	2 of 4	foul	-117.8	2 of 4	foul	-	-	-
137016	SWM2	3403	158.51	Newport Station [Platform 3]	Platform	Platform Gauge	1.4	2158	52.9	0 of 70	normal	-73.9	20 of 70	foul	-6.6	5 of 70	foul	-17.6	5 of 70	foul	-	-	-
199855	SWM1	1100	99.035	Retaining Wall [99 miles- 2 chains]	Wall	Structure Gauging Train LaserFlex	1.8	2106	-73.7	5 of 45	foul	-73.7	6 of 45	foul	-73.7	6 of 45	foul	-126.2	6 of 45	foul	-	-	-
56646	NCS	2100	6.3636	Ravenbourne Water [Bridge No.124]	Underbridge	Structure Gauging Train LaserFlex	1.9	1628	-73.6	1 of 3	foul	-73.6	1 of 3	foul	-73.6	1 of 3	foul	-109.1	1 of 3	foul	-	-	-
87417	SOP	2100	6.5653	Flyover [Bridge No.1288]	Underbridge	Structure Gauging Train LaserFlex	2.1	1955	-73.6	2 of 13	foul	-73.6	2 of 13	foul	-73.6	2 of 13	foul	-134.4	2 of 13	foul	-	-	-
54204	CWW	2100	140.41	Station Road [Bridge No.118]	Overbridge	Structure Gauging Train LaserFlex	1.1	1754	-73.4	1 of 4	foul	-73.4	1 of 4	foul	-73.4	1 of 4	foul	-128	1 of 4	foul	-	-	-
51903	MLN3	1100	273.96	Bodmin Parkway Station [Up Platform 2]	Platform	Platform Gauge	2.4	1515	13.6	11 of 41	specialreduced	-73.3	35 of 41	foul	-9	22 of 41	foul	-33.5	22 of 41	foul	-	-	-
51645	CDM2	3300	20.547	Northwich Station [Goods Platform]	Platform	Platform Gauge	1.3	463	37.5	3 of 28	reduced	-73.2	22 of 28	foul	-9.2	10 of 28	foul	-35.9	10 of 28	foul	-	-	-
254161	BJW2	1100	6.8864	Wall & Railing [6 Miles 70 Chains]	Wall	Structure Gauging Train LaserFlex	1	201	-72.8	5 of 10	foul	-72.8	6 of 10	foul	-72.8	5 of 10	foul	-113.6	5 of 10	foul	-	-	-
22807	BCH	3400	20.396	Balloch Station [Single Platform]	Platform	Platform Gauge	2.8	129	54.9	0 of 28	normal	-72.6	28 of 28	foul	-3.2	26 of 28	foul	-31.5	26 of 28	foul	-	-	-
31638	DAE2	1100	8.3716	Shilton Station [Up Platform]	Platform	Platform Gauge	2.1	620	-72.5	12 of 12	foul	-72.5	12 of 12	foul	-72.5	12 of 12	foul	-69.7	12 of 12	foul	-	-	-
150690	LBW	1100	1.4619	Viaduct [1 mile, 46 chains, 20 yards]	Viaduct	Structure Gauging Train LaserFlex	1.9	129	64.2	2 of 42	foul	-72.5	2 of 42	foul	-54.7	2 of 42	foul	-112	2 of 42	foul	-	-	-
13343	MLN1	1511	35.7	Reading Station [Platform 11]	Platform	Platform Gauge	1.1	1443	47.4	1 of 26	reduced	-72.5	25 of 26	foul	-2	22 of 26	foul	-31.6	22 of 26	foul	-	-	-
254562	BJW2	2100	6.5102	Retaining Wall [6 Miles 40 Chains]	Val	Structure Gauging Train LaserFlex	1	204	-72.3	1 of 4	foul	-72.3	1 of 4	foul	-72.3	1 of 4	foul	-130	1 of 4	foul	-	-	-
60103	LTN1	2152	6.6716	Iford Flyover [Bridge No.74]	Overbridge	Structure Gauging Train LaserFlex	2.1	1308	-21.3	2 of 173	foul	-72.3	2 of 173	foul	-25	2 of 173	foul	-79.1	2 of 173	foul	-	-	-
121217	NKL	2100	4.708	Edward Street, Warwick Street, Hamilton Street, Payne Street, & Finch Str	Viaduct	Structure Gauging Train LaserFlex	1.9	1712	-34.3	5 of 50	foul	-72.1	8 of 50	foul	-34.3	6 of 50	foul	-81.4	6 of 50	foul	-	-	-
114332	HDR	1100	31.073	Strood Station [Up Platform 2]	Platform	Platform Gauge	2.2	971	15.1	7 of 47	specialreduced	-71	27 of 47	foul	-24.4	10 of 47	foul	-39.6	10 of 47	foul	-	-	-
248908	LJT1	1100	17.014	Rock Face [17 Miles 1 Chain]	Val	Structure Gauging Train LaserFlex	1	1226	-71	5 of 5	foul	-71	5 of 5	foul	-71	5 of 5	foul	-124.8	5 of 5	foul	-	-	-
64498	SWM2	1200	152.3	Blethen Flyover [Bridge No.1529]	Overbridge	Structure Gauging Train LaserFlex	1.8	2138	-70.9	1 of 40	foul	-70.9	1 of 40	foul	-70.9	1 of 40	foul	-123.5	1 of 40	foul	-	-	-
254145	LJT1	3100	24.038	Rock Face [24 Miles 3 Chains]	Val	Structure Gauging Train LaserFlex	1	1239	-70.6	3 of 30	foul	-70.6	3 of 30	foul	-70.6	3 of 30	foul	-124.8	3 of 30	foul	-	-	-
27164	NKL	1100	7.0841	Intersection Bridge Nil Over Agw [Bridge No.543]	Underbridge	Structure Gauging Train LaserFlex	1.9	1695	-70.2	1 of 3	foul	-70.2	1 of 3	foul	-70.2	1 of 3	foul	-127.8	1 of 3	foul	-	-	-
150605	CAT	2100	3.6915	Arches 262-253 Hardest St Viaduct [Bridge No. W24]	Viaduct	Structure Gauging Train LaserFlex	1.9	408	-48.7	2 of 16	foul	-70.1	2 of 16	foul	-48.7	2 of 16	foul	-100.6	2 of 16	foul	-	-	-
29438	ECM7	2100	0.5455	Norwich Station [Down Platform 2]	Platform	Platform Gauge	3.6	767	-40.8	20 of 20	foul	-70.1	20 of 20	foul	-40.8	20 of 20	foul	-61.9	20 of 20	foul	-	-	No Action
252086	FHM6	1100	22.489	Concrete Fence [22 Miles 37 Chains]	Wall	Structure Gauging Train LaserFlex	0.7	873	-70	3 of 3	foul	-70	3 of 3	foul	-70	3 of 3	foul	-119.3	3 of 3	foul	-	-	-
1980	FSS2	1100	32.981	Retaining Wall [32 miles 77 chains]	Val	Structure Gauging Train LaserFlex	2.1	895	-69.9	2 of 2	foul	-69.9	2 of 2	foul	-69.9	2 of 2	foul	-120.1	2 of 2	foul	-	-	-
163912	MLN4	2100	312.59	Abutments Only [Bridge No.21347.6]	Overbridge	Structure Gauging Train LaserFlex	1.7	1538	-69.6	1 of 1	foul	-69.6	1 of 1	foul	-69.6	1 of 1	foul	-127.2	1 of 1	foul	-	-	-
37155	EMP	2100	78.536	River Bedford & Flood Openings [Bridge No.1814]	Viaduct	Structure Gauging Train LaserFlex	2.2	833	-16.5	2 of 61	foul	-69.5	2 of 61	foul	-16.5	2 of 61	foul	-74.3	2 of 61	foul	-	-	-
202168	LEH3	2100	16.972	Wall [16 Miles 77 Chains]	Val	Structure Gauging Train LaserFlex	3	1192	-69.4	11 of 48	foul	-69.4	11 of 48	foul	-69.4	11 of 48	foul	-126.9	11 of 48	foul	-	-	-
162901	LLA	3100	5.1977	Wing Wall [5 Miles 15 Chains]	Val	Structure Gauging Train LaserFlex	1.8	1246	-69.4	5 of 5	foul	-69.4	5 of 5	foul	-69.4	5 of 5	foul	-127.2	5 of 5	foul	-	-	-
90206	NMS1	1100	10.098	Retaining Wall [10 Miles 7 Chains]	Val	Structure Gauging Train LaserFlex	1.7	1720	-69.4	3 of 26	foul	-69.4	3 of 26	foul	-69.4	3 of 26	foul	-111.3	3 of 26	foul	-	-	-
550	CSJ7	3601	68.968	Carlisle Station [Up Bay Platform 2]	Platform	Platform Gauge	2.1	484	-69.3	10 of 27	foul	-69.3	14 of 27	foul	-69.3	13 of 27	foul	-65.5	13 of 27	foul	-	-	Limiting Structure
55606	BWC	3400	0.5687	Queen Adelaide Bridge [Bridge No. B1382]	Overbridge	Structure Gauging Train LaserFlex	2.2	682	-69.3	2 of 6	foul	-69.3	2 of 6	foul	-69.3	2 of 6	foul	-127.1	2 of 6	foul	-	-	-
255231	ECM7	1500	34.297	Fence [34 Miles 23 Chains]	Val	Structure Gauging Train LaserFlex	1.2	762	33	1 of 5	specialreduced	-69.2	1 of 5	foul	-21.9	1 of 5	foul	-57.9	1 of 5	foul	-	-	-
86883	LBW	1100	9.2784	Fork No.1 [Bridge No.245]	Overbridge	Structure Gauging Train LaserFlex	1.9	1123	-69	4 of 17	foul	-69	4 of 17	foul	-69	4 of 17	foul	-125.2	4 of 17	foul	-	-	-
250875	LTN1	1152	3.8403	Fence [3 Miles 67 Chains]	Val	Structure Gauging Train LaserFlex	1.2	1277	-69	2 of 67	foul	-69	2 of 67	foul	-69	2 of 67	foul	-126.4	2 of 67	foul	-	-	-
250873	LTN1	1152	3.9398	Railing [3 Miles 75 Chains]	Val	Structure Gauging Train LaserFlex	1.2	1278	-69	2 of 35	foul	-69	2 of 35	foul	-69	2 of 35	foul	-126.4	2 of 35	foul	-	-	-
201856	WEY																						

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Flsp A (LSSG)			22.96m SVG Flsp B (Specific)			20m SVG Flsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
20179s	VOG	1100	15.26	Rock Face [15 Miles 28 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	2291	-61.2	11 of 30	foul	-61.2	11 of 30	foul	-61.2	11 of 30	foul	-119			Vegetation	Yes	-
26150	CNB1	2100	166.41	Lowers [Bridge No.95]	Overbridge	Structure Gauging Train Laser Rail	1.1	504	-61	2 of 2	foul	-61	2 of 2	foul	-61	2 of 2	foul	-114.3			Vegetation	No	-
10147	LUL	3100	8.7597	Linkard Station [Single Line Platform]	Platform	Platform Gauge	2	1217	-3.2	7 of 20	foul	-60.9	14 of 20	foul	-3.2	10 of 20	foul	-20.9			Vegetation	Yes	Not Reviewed
145481	MLN3	2100	291.73	Fal Viaduct [Bridge No.29159]	Viaduct	Structure Gauging Train LaserFlex	1.7	1534	-60.9	1 of 34	foul	-60.9	3 of 34	foul	-60.9	2 of 34	foul	-106.8			Vegetation	Yes	-
244829	CWJ	1100	11.418	Speed Road [11 Miles 33 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.1	593	-29.2	1 of 1	reduced	-60.7	1 of 1	foul	11.6	1 of 1	specialreduced	-19.4			Vegetation	Yes	-
77473	RBS2	3600	12.972	Wolverhampton Station [Platform 6 (previously 4)]	Platform	Platform Gauge	1.3	1828	-60.6	18 of 26	foul	-60.6	24 of 26	foul	-60.6	18 of 26	foul	-29.4			Vegetation	Yes	Fixable Exception
12484	LLJ	3601	3.0222	Llandudno Station [Platform 1]	Platform	Platform Gauge	3	1248	37.6	1 of 20	specialreduced	-60.4	13 of 20	foul	-17	2 of 20	foul	-57.1			Vegetation	Yes	Resurvey
66071	SUB2	2100	3.6517	Newington Public Road A7 [Bridge No.17]	Overbridge	Structure Gauging Train LaserFlex	1.2	2099	-60.4	1 of 9	foul	-60.4	1 of 9	foul	-60.4	1 of 9	foul	-87.7			Vegetation	Yes	-
94185	WEL1	1100	7.9801	Drayton Green Station [Up Platform 2]	Platform	Platform Gauge	2.4	2409	61.9	0 of 13	normal	-60.2	11 of 13	foul	12.6	11 of 13	specialreduced	-10.3			Vegetation	Yes	-
256512	QWV	1100	93.593	Abutment Walls Deck Removed [Bridge No.9347H]	Overbridge	Structure Gauging Train LaserFlex	1.8	1750	-60.1	1 of 3	foul	-60.1	1 of 3	foul	-60.1	1 of 3	foul	-113.1			Vegetation	Yes	-
99431	BGK	1100	4.396	Viaduct [Arch 538 - 544]	Viaduct	Structure Gauging Train LaserFlex	2.2	159	28.4	2 of 25	reduced	-60	2 of 25	foul	-5.9	2 of 25	foul	-48.4			Vegetation	No	-
26168	CNB3	3400	162.16	Pig Tor (Public & River Wyfe) [Bridge No.9]	Underbridge	Structure Gauging Train LaserFlex	1.1	510	-60	2 of 14	foul	-60	2 of 14	foul	-60	2 of 14	foul	-111.6			Vegetation	No	-
115531	DJP	3100	81.14	Aberdovey No.1 (Frongoch) [81 Miles 11 Chains]	Tunnel	Laser Gauging Vehicle	3.8	657	-59.9	9 of 37	foul	-59.9	9 of 37	foul	-59.9	9 of 37	foul	-96.1			Vegetation	Yes	Limiting Structure
121126	MIR2	2100	2.325	Birkenhead Central Station [Down Platform]	Platform	Platform Gauge	2.7	1401	-30.7	12 of 29	foul	-58.8	14 of 29	foul	-30.7	12 of 29	foul	-45.6			Vegetation	No	-
96039	SWM2	2100	141.06	Chepstow Viaduct [Bridge No.14105H]	Viaduct	Structure Gauging Train LaserFlex	1.8	2145	43.9	5 of 39	reduced	-59.7	8 of 39	foul	-11.5	6 of 39	foul	-32.8			Vegetation	Yes	-
134407	HG51	2100	26.732	Tanyard [Bridge No.867]	Underbridge	Structure Gauging Train LaserFlex	2	998	41.6	1 of 5	reduced	-59.6	1 of 5	foul	10.8	1 of 5	specialreduced	-19.2			Vegetation	No	-
22162	WLL	2100	0.0597	Clapham Junction Station [Platform 16]	Platform	Platform Gauge	3.7	2486	8	4 of 37	specialreduced	-59.6	27 of 37	foul	-5	9 of 37	foul	-19.5			Vegetation	No	-
185128	NEC2	1100	26.588	Retaining Wall [26 Miles 52 Chains]	Wall	Structure Gauging Train LaserFlex	3.2	1636	-59.5	8 of 27	foul	-59.5	8 of 27	foul	-59.5	8 of 27	foul	-116			Vegetation	Yes	-
39736	WCK	3605	0.025	Inverness Station [Platform 5]	Platform	Platform Gauge	3.3	2382	-59.5	6 of 26	foul	-59.5	17 of 26	foul	-59.5	7 of 26	foul	-18.8			Vegetation	Yes	Resurvey
29749	CWVK3	3601	10.481	West Kirby Station [Down Platform 1]	Platform	Platform Gauge	2.3	610	-59.4	6 of 20	foul	-59.4	9 of 20	foul	-59.4	6 of 20	foul	-23.2			Vegetation	No	-
38689	NEC2	2100	21.888	Retaining Wall [21 miles 71 chains]	Wall	Structure Gauging Train LaserFlex	3.2	1642	-59.4	4 of 4	foul	-59.4	4 of 4	foul	-59.4	4 of 4	foul	-117.1			Vegetation	Yes	-
156719	BML1	2200	10.288	Telephone [10 Miles 24 Chains]	S&T	Structure Gauging Train LaserFlex	2	284	71.7	0 of 1	normal	-59.3	1 of 1	foul	-10.9	1 of 1	foul	-42.8			Vegetation	No	-
112488	FSS1	2100	4.4892	Plastow Station (disused) [Down Platform]	Platform	Structure Gauging Train LaserFlex	2.1	887	-35.3	4 of 40	specialreduced	-59.3	14 of 40	foul	-24.9	4 of 40	foul	-67.4			Vegetation	No	-
36774	HDR	1100	28.431	Higham Station [Up Platform 1]	Platform	Platform Gauge	0.7	970	-40.7	2 of 71	reduced	-59.3	69 of 71	foul	11.1	9 of 71	specialreduced	-18.6			Vegetation	No	-
123604	SWM2	2200	154.85	Llanwenmon/monks Pill [Bridge No.15468]	Underbridge	Structure Gauging Train LaserFlex	1.8	2152	-59.1	3 of 3	foul	-59.1	3 of 3	foul	-59.1	3 of 3	foul	-116.9			Vegetation	Yes	-
203766	BTH2	1100	15.84	Retaining Wall [15 Miles 70 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	340	-58.6	2 of 9	foul	-58.6	2 of 9	foul	-58.6	2 of 9	foul	-118			Vegetation	No	-
96741	MLN1	1200	119.67	Sheen Road [Bridge No.11954]	Underbridge	Structure Gauging Train LaserFlex	1.9	1436	-29	3 of 5	foul	-58.6	3 of 5	foul	-29	3 of 5	foul	-87.6			Vegetation	Yes	-
86864	VTB1	2200	1.3469	Brands Viaduct [Viaduct No.11 - 17]	Viaduct	Structure Gauging Train LaserFlex	2	2310	-8.1	1 of 215	foul	-58.6	1 of 215	foul	-8.1	1 of 215	foul	-60.5			Vegetation	No	-
22143	LTN1	2152	7.4847	Retaining Wall [7 Miles 38 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	131	-59.4	1 of 62	foul	-58.1	1 of 62	foul	-58.1	1 of 62	foul	-113.5			Vegetation	No	-
116005	CJ7	3602	0.0057	Lancaster Station [Down Bay Platform 2]	Platform	Platform Gauge	1.5	485	12.4	12 of 28	specialreduced	-58.2	28 of 28	foul	0.5	20 of 28	specialreduced	-30.5			Vegetation	Yes	-
91250	NKL	2100	4.4835	Arklow Road, Dorking Road And Kerry Road [Bridge No.518 & Arches 268]	Viaduct	Structure Gauging Train LaserFlex	1.9	1711	59.8	1 of 72	reduced	-57.9	12 of 72	foul	-10.6	3 of 72	foul	-38.9			Vegetation	No	-
116681	RDG1	1100	1.8977	Telephone [1 Miles 72 Chains]	S&T	Structure Gauging Train LaserFlex	3.7	1835	79.4	0 of 1	normal	-57.9	1 of 1	foul	-3.7	1 of 1	foul	-30.4			Vegetation	Yes	-
68062	VTB1	1100	9.3409	Selhurst Station [Platform 4]	Platform	Platform Gauge	3.1	2300	15.6	2 of 37	specialreduced	-57.8	9 of 37	foul	-12.2	2 of 37	foul	-39.9			Vegetation	No	-
209896	CMF2	2200	182.63	Sign Equipment [182 Miles 50 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.6	498	33.4	1 of 1	reduced	-57.3	1 of 1	foul	3.2	1 of 1	specialreduced	-36.1			Vegetation	Yes	-
184093	WEY	1100	125.33	Lineside Building [125 Miles 26 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	2417	-57.3	1 of 2	foul	-57.3	1 of 2	foul	-57.3	1 of 2	foul	-107.2			Vegetation	Yes	-
70550	BTH3	2100	27.028	Holmesdale Station [Down Platform 2]	Platform	Platform Gauge	0.5	349	47.8	1 of 26	reduced	-57.2	25 of 26	foul	3.9	2 of 26	specialreduced	-24.9			Vegetation	No	-
165538	NEC2	1100	40.368	Retaining Wall [40 Miles 33 Chains]	Wall	Structure Gauging Train LaserFlex	3.2	1636	-57.1	1 of 19	foul	-57.1	1 of 19	foul	-57.1	1 of 19	foul	-114.8			Vegetation	Yes	-
257231	NKL	1100	9.7915	Retaining Wall [9 Miles 63 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1709	-56.9	2 of 13	foul	-56.9	2 of 13	foul	-56.9	2 of 13	foul	-114.5			Vegetation	No	-
132584	ECM5	3603	44	Darlington Station [Platform 3]	Platform	Platform Gauge	1.5	741	-56.8	12 of 32	foul	-56.8	29 of 32	foul	-56.8	12 of 32	foul	-26.4			Vegetation	Yes	Not Reviewed
13342	MLN1	1514	35.901	Reading Station [Platform 14]	Platform	Platform Gauge	1.3	1444	22.5	1 of 18	specialreduced	-56.8	17 of 18	foul	16.1	8 of 18	specialreduced	-24.9			Vegetation	Yes	-
158192	WSJ2	1100	161.68	Round Signal [161 Miles 54 Chains]	Signal	Structure Gauging Train LaserFlex	2.7	2529	97.8	1 of 1	reduced	-56.5	1 of 1	foul	17.1	1 of 1	specialreduced	-12.5			Vegetation	Yes	Fixable Exception
52215	MLN3	2100	287.46	Cover Viaduct [Bridge No.287]	Viaduct	Structure Gauging Train LaserFlex	1.7	1533	-56.3	3 of 37	foul	-56.3	3 of 37	foul	-56.3	3 of 37	foul	-104.9			Vegetation	Yes	-
257265	NKL	1100	7.0244	Palisade Fence [7 Miles 1 Chain]	Wall	Structure Gauging Train LaserFlex	1.9	1694	-56.3	1 of 16	foul	-56.3	1 of 16	foul	-56.3	1 of 16	foul	-114.2			Vegetation	No	-
122074	WVL	3100	7.2938	Afon Elwy [Bridge No.724]	Underbridge	Structure Gauging Train LaserFlex	1.5	2560	-37.3	1 of 5	foul	-56.3	1 of 5	foul	-37.3	1 of 5	foul	-90.8			Vegetation	Yes	-
47804	VTB2	2200	9.9358	Retaining Wall [9 Miles 77 Chains]	Wall	Structure Gauging Train LaserFlex	2	2326	-56.2	2 of 22	foul	-56.2	2 of 22	foul	-56.2	2 of 22	foul	-111			Vegetation	No	-
4875	CAW	2100	7.379	Taylor Lane [Bridge No.8]	Underbridge	Structure Gauging Train LaserFlex	1	424	-56.1	1 of 3	foul	-56.1	1 of 3	foul	-56.1	1 of 3	foul	-110.4			Vegetation	Yes	-
38321	KWD	3400	145.16	Stourbridge Canal [Bridge No.5]	Underbridge	Unknown	16.6	1108	85.6	0 of 2	normal	-56.1	2 of 2	foul	5.7	2 of 2	specialreduced	-18			Vegetation	No	Not Reviewed
2287	WJ4	1300	122.197																				

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fsp A (LSSG)			22.96m SVG Fsp B (Specific)			20m SVG Fsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
64287	SHL	2100	43.497	Dinnore [Bridge No.4340#]	Overbridge	Structure Gauging Train LaserFlex	1.6	2013	-51.7	1 of 3	foul	-51.7	1 of 3	foul	-51.7	1 of 3	foul	-106.2	1 of 3	foul	Vegetation	Yes	-
23011	WJL4	3608	193.46	Liverpool Line Street Station [Platform 8]	Platform	Platform Gauge	3.3	2484	-47.1	4 of 55	foul	-51.6	55 of 55	foul	-47.1	9 of 55	foul	-42.3	9 of 55	foul	Vegetation	Yes	-
109014	LTN1	2152	3.5847	Wharton Road [Bridge No.55b/56]	Underbridge	Structure Gauging Train LaserFlex	2.1	1305	16.4	1 of 4	specialreduced	-51.5	1 of 4	foul	9.3	1 of 4	specialreduced	-40.7	1 of 4	specialreduced	Vegetation	No	-
54319	SMU2	2100	11.322	Moorthorpe Station [Down Platform]	Platform	Platform Gauge	1.8	2038	76.8	0 of 37	normal	-51.4	27 of 37	foul	20.9	14 of 37	specialreduced	-3.5	14 of 37	specialreduced	Yes	Not Reviewed	-
102528	MLN1	2600	163.18	Taunton Station Down Bay (West) Platform 1	Platform	Platform Gauge	1.1	1469	-10.9	7 of 25	foul	-51.2	20 of 25	foul	-23.4	14 of 25	foul	-59	14 of 25	foul	Yes	Limiting Structure	-
24984	SGN	3603	0.5216	Springburn Station [Platform 3]	Platform	Platform Gauge	1	1993	60.9	0 of 40	normal	-51	39 of 40	foul	13.1	2 of 40	specialreduced	-7.6	2 of 40	specialreduced	Yes	-	-
188347	WSJ2	1100	201.46	Ground Signal - A [201 Miles 36 Chains]	Signal	Structure Gauging Train LaserFlex	3.7	2531	43.5	1 of 1	reduced	-51	1 of 1	foul	8.5	1 of 1	specialreduced	-21.3	1 of 1	specialreduced	Yes	Fixable exception	-
7813	DSN2	2100	11.664	Thornaby Station [Down Platform 2]	Platform	Platform Gauge	1.1	678	15.2	5 of 16	specialreduced	-50.9	15 of 16	foul	-4.4	10 of 16	foul	-26.8	10 of 16	foul	Yes	Not Reviewed	-
54459	NKL	1100	8.4915	Prospect Place [Bridge No.583]	Overbridge	Structure Gauging Train LaserFlex	1.9	1702	-50.9	4 of 4	foul	-50.9	4 of 4	foul	-50.9	4 of 4	foul	-105	4 of 4	foul	Vegetation	No	-
79277	ECM6	3611	80.119	Newcastle Station [Platform 11]	Platform	Platform Gauge	1.4	749	-20.4	22 of 27	foul	-50.8	27 of 27	foul	-20.4	25 of 27	foul	-26.3	25 of 27	foul	Yes	-	-
116181	HXS1	2100	1.3807	Speed Sign [1 Miles 30 Chains]	S&T	Unknown	17	1055	-50.8	1 of 1	foul	-50.8	1 of 1	foul	-50.8	1 of 1	foul	-104	1 of 1	foul	No	-	-
105913	HUL1	3606	0.0006	Hull Station [Platform 6]	Platform	Platform Gauge	1.1	1050	68.8	0 of 35	normal	-50.5	34 of 35	foul	21.1	5 of 35	specialreduced	-3.7	5 of 35	specialreduced	Yes	Fixable Exception	-
124549	LJT1	3100	23.629	Underbridge [23 Miles 50 Chains]	Underbridge	Structure Gauging Train LaserFlex	1	1237	-50.5	2 of 4	foul	-50.5	2 of 4	foul	-50.5	2 of 4	foul	-75.1	2 of 4	foul	Vegetation	No	-
42123	HNL1	1100	20.473	Triley Mill [Bridge No.2038]	Underbridge	Structure Gauging Train LaserFlex	1.6	1032	-50.4	3 of 5	foul	-50.4	3 of 5	foul	-50.4	3 of 5	foul	-108.1	3 of 5	foul	Vegetation	Yes	-
139272	KBS1	3400	19.868	Blackpool South Station [Single Platform]	Platform	Platform Gauge	5.3	1092	52.8	0 of 20	normal	-50.4	13 of 20	foul	-1.1	7 of 20	foul	-35.2	7 of 20	foul	Yes	-	-
34908	EGM1	3601	0.0875	Glasgow Queen Street Station [Platform 1]	Platform	Platform Gauge	0.8	816	-50.7	12 of 17	foul	-50.3	16 of 17	foul	-25.7	14 of 17	foul	-27.7	14 of 17	foul	Yes	-	-
60934	RDG1	1203	10.772	St. Margarets Station [Platform 1]	Platform	Platform Gauge	3.1	1853	76.9	0 of 39	normal	-50.3	12 of 39	foul	3.3	2 of 39	foul	-30.6	2 of 39	foul	Yes	-	-
104766	SBA2	2100	47.725	Newtown Station [Down Loop Platform]	Platform	Platform Gauge	1.6	1915	50.1	0 of 32	normal	-50.3	29 of 32	foul	12.2	14 of 32	specialreduced	-10.9	14 of 32	specialreduced	Yes	Not Reviewed	-
7963	SHB	1100	170.5	Hough Lane (wombwell station) [Bridge No. 57]	Overbridge	Structure Gauging Train LaserFlex	2.3	1995	-50.3	3 of 5	foul	-50.3	3 of 5	foul	-50.3	3 of 5	foul	-64.8	3 of 5	foul	Yes	-	-
109805	KJE3	2100	11.14	Glynde Station [Platform 2]	Platform	Platform Gauge	0.5	1104	54.3	0 of 30	normal	-50.1	22 of 30	foul	24.2	6 of 30	specialreduced	-0.6	6 of 30	specialreduced	No	-	-
46647	LJT1	3100	15.12	Church [Bridge No.25]	Overbridge	Structure Gauging Train LaserFlex	1	1221	-50	1 of 3	foul	-50	1 of 3	foul	-50	1 of 3	foul	-77.9	1 of 3	foul	Vegetation	No	-
69628	WCM1	1100	73.519	Carstairs Station [Platform 2]	Platform	Platform Gauge	1.7	2385	5.4	26 of 40	specialreduced	-50	40 of 40	foul	-16.4	33 of 40	foul	-37.7	33 of 40	foul	Yes	-	-
170331	GSJ2	1100	137.58	Halesowen Road [Bridge No.34]	Underbridge	Structure Gauging Train LaserFlex	1.1	922	-49.9	1 of 20	foul	-49.9	1 of 20	foul	-49.9	1 of 20	foul	-107.8	1 of 20	foul	Vegetation	Yes	-
186815	NEC2	2100	44.04	Retaining Wall [44 Miles 3 Chains]	Wall	Structure Gauging Train LaserFlex	3.2	1644	-22	2 of 53	foul	-49.9	4 of 53	foul	-25.5	3 of 53	foul	-69.3	3 of 53	foul	Vegetation	Yes	-
1683	FFH2	3601	71.947	Folkestone Harbour Station [Platform 2]	Platform	Platform Gauge	14.4	862	-39.8	19 of 59	foul	-49.8	46 of 59	foul	-39.8	21 of 59	foul	-20.8	21 of 59	foul	No	-	-
46181	LTN1	1100	68.381	Ipswich Tunnel [68 miles 30 chains]	Tunnel	Structure Gauging Train LaserFlex	2.7	1272	-49.8	2 of 69	foul	-49.8	2 of 69	foul	-49.8	2 of 69	foul	-88.8	2 of 69	foul	No	Resurvey	-
31578	WCM2	3604	102.19	Glasgow Central Station [Platform 4]	Platform	Platform Gauge	2.4	2395	-50.2	10 of 34	foul	-49.8	18 of 34	foul	-30.2	12 of 34	foul	-14.7	12 of 34	foul	Yes	-	-
41420	CTC	1100	0.9301	Croschill Station [Up Platform]	Platform	Platform Gauge	0.8	567	-49	16 of 33	foul	-49	16 of 33	foul	-19.6	23 of 33	foul	-36	23 of 33	foul	No	-	-
45128	LTN1	1152	14.896	Harold Wood Station [Platform 3]	Platform	Platform Gauge	2	1285	90.2	0 of 35	normal	-48.6	28 of 35	foul	13.3	13 of 35	specialreduced	-2.9	13 of 35	specialreduced	No	-	-
125674	ILK1	2100	205.22	Gusley Station [Down Platform]	Platform	Platform Gauge	1.8	1075	90.4	0 of 26	normal	-49.5	9 of 26	foul	15.4	5 of 26	specialreduced	-24	5 of 26	specialreduced	Yes	-	-
33333	LEC3	1600	133.43	Stafford Station [Up Bay Platform]	Platform	Platform Gauge	2	1178	-49.4	3 of 9	foul	-49.4	7 of 9	foul	-49.4	3 of 9	foul	-19.4	3 of 9	foul	Yes	-	-
242721	PWS2	2100	34.839	Fence [34 Miles 67 Chains]	Wall	Structure Gauging Train LaserFlex	1.9	1805	-28.3	1 of 33	foul	-49.4	1 of 33	foul	-28.3	1 of 33	foul	-82.6	1 of 33	foul	Vegetation	No	-
152152	SPL1	1100	0.5889	Sign Post [0 miles, 47 chains, 12 yards]	Lineside Furniture	Structure Gauging Train LaserFlex	2.2	2041	101.3	0 of 1	normal	-49.4	1 of 1	foul	33.7	1 of 1	reduced	18.4	1 of 1	reduced	Yes	-	-
40074	WCK	3607	0.0898	Inverness Station [Platform 7]	Platform	Platform Gauge	1.9	2384	-49.4	21 of 24	foul	-49.4	22 of 24	foul	-49.4	21 of 24	foul	-14.9	21 of 24	foul	Yes	-	-
116049	BCU1	3400	0.6222	Dale Road [Bridge No.5]	Underbridge	Structure Gauging Train LaserFlex	1.1	961	-21.6	1 of 6	foul	-49.3	1 of 6	foul	-21.6	1 of 6	foul	-68.4	1 of 6	foul	Vegetation	No	-
39296	HUL1	3601	0.05	Hull Station [Platform 11]	Platform	Platform Gauge	7.6	1045	-31.3	10 of 16	foul	-49.3	15 of 16	foul	-31.3	13 of 16	foul	-49.1	13 of 16	foul	Yes	Fixable Exception	-
101265	SKN	2100	42.247	Kyrwick Lane [Bridge No.151]	Underbridge	Structure Gauging Train LaserFlex	1	2029	1.5	3 of 5	specialreduced	-49.3	3 of 5	foul	1.5	3 of 5	specialreduced	-39.3	3 of 5	specialreduced	Yes	-	-
257143	GSW	1100	69.79	Rock Face [69 Miles 63 Chains]	Wall	Structure Gauging Train LaserFlex	2.7	929	-49	3 of 34	foul	-49	3 of 34	foul	-49	3 of 34	foul	-105.4	3 of 34	foul	Vegetation	Yes	-
119949	HDT	1100	6.9267	Viaduct A513 - A535 [6 miles 73 chains]	Viaduct	Structure Gauging Train LaserFlex	2.2	986	-6	2 of 35	foul	-48.9	3 of 35	foul	-16.7	2 of 35	foul	-63.7	2 of 35	foul	Vegetation	No	-
58066	RYH2	2100	6.3756	Hyde North Station [Down Platform]	Platform	Platform Gauge	2.2	1898	-5.2	5 of 25	foul	-48.8	21 of 25	foul	-16.2	7 of 25	foul	-49.3	7 of 25	foul	Yes	Fixable Exception	-
17211	LBW	2200	4.3688	Retaining Wall [4 Miles 29 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1133	-48.7	1 of 2	foul	-48.7	1 of 2	foul	-48.7	1 of 2	foul	-104.7	1 of 2	foul	Vegetation	No	-
13089	MLN1	3605	0.0625	Pasdingham Station [Platform 5]	Platform	Platform Gauge	2.3	1488	-19.3	4 of 18	foul	-48.7	15 of 18	foul	-19.3	12 of 18	foul	-33.9	12 of 18	foul	Yes	-	-
64433	SSV	2100	40.761	Prittlewell Station [Down Platform 2]	Platform	Platform Gauge	1.6	2075	34.5	4 of 67	reduced	-48.7	64 of 67	foul	22.4	11 of 67	specialreduced	-0.8	11 of 67	specialreduced	No	-	-
116424	BGK	1500	30.237	Bishops Stortford Station [Up Loop Platform 3]	Platform	Platform Gauge	1.3	172	64.5	0 of 23	normal	-48.6	17 of 23	foul	17	10 of 23	specialreduced	-7.1	10 of 23	specialreduced	No	-	-
42815	KJE3	3601	23.737	Eastbourne Station [Platform 1]	Platform	Platform Gauge	3.3	1106	-11.9	6 of 51	foul	-48.6	45 of 51	foul	-11.9	15 of 51	foul	-0.8	15 of 51	foul	No	-	-
80458	KYL	3400	9.9489	Rock [9 Miles 76 Chains]	Wall	Laser Gauging Vehicle	1.2	1112	-48.6	3 of 15	foul	-48.6	3 of 15	foul	-48.6	3 of 15	foul	-82.6	3 of 15	foul	Vegetation	Yes	-
226446	BTU	1100	3.771	Sign Post [3 Miles 61 Chains]	Lineside Furniture	Structure Gauging																	

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	20m SVG Ftsp B	Min	Sub-Ratio	Category	Comments	23m Route?	OMNICON
61258	RDG1	2100	28.392	Mile Road (Bridge No.4/20)	Underbridge	Structure Gauging Train LaserFlex	2.1	1865	49.8	1 of 3	specialreduced	-45	1 of 3	foul	10.4	1 of 3	specialreduced	-18.3				Vegetation	Yes	-
4278	AMB	3100	12.631	Underbridge (Bridge No.1250H)	Underbridge	Structure Gauging Train LaserFlex	1.9	21	-32.9	1 of 3	foul	-44.9	1 of 3	foul	-32.9	1 of 3	foul	-85.6				Vegetation	Yes	-
11870	BSW	1100	0.975	Lawrence Hill Station (Up Platform)	Platform	Platform Gauge	1.6	321	88	0 of 46	normal	-44.9	42 of 46	reduced	28.8	5 of 46	reduced	8.2				Yes	-	-
119105	DSN3	2100	25.309	Longbeck Station (Down Main Platform)	Platform	Platform Gauge	1.7	682	7.1	7 of 10	specialreduced	-44.9	9 of 10	foul	-5.4	9 of 10	foul	-3.4				Yes	-	-
220903	MLN1	1207	246.01	Speed Board (246 Miles 0 Chains)	Lineside Furniture	Structure Gauging Train LaserFlex	3.7	1440	67.1	0 of 2	normal	-44.9	1 of 2	foul	26.8	1 of 2	reduced	14				Yes	-	-
146137	YMS	3602	0.0426	York Station (Platform 2)	Platform	Platform Gauge	3.4	2608	-44.9	19 of 43	foul	-44.9	33 of 43	foul	-44.9	19 of 43	foul	-5.7				Yes	Fixable Exception	-
37436	HDT	1100	12.115	Wash Stream River (Bridge No.1998)	Underbridge	Structure Gauging Train LaserFlex	2.2	987	-44.8	2 of 3	foul	-44.8	2 of 3	foul	-44.8	2 of 3	foul	-99.3				Vegetation	No	-
79276	ECM6	2100	80.125	Newcastle Station (Platform 2)	Platform	Platform Gauge	1.4	745	-44.7	26 of 73	foul	-44.7	67 of 73	foul	-44.7	26 of 73	foul	-18.6				Yes	-	-
7720	HJU	3900	3.8614	Sign (3 Miles 68 Chains)	S&T	Unknown	16.8	1025	-44.7	1 of 1	Unknown	-44.7	1 of 1	foul	-44.1	1 of 1	foul	-102.8				Yes	Fixable Exception	-
204196	OXW	3400	6.593	Platform Steps (6 Miles 46 Chains)	S&T	Laser Gauging Vehicle	2.8	1758	-44.7	1 of 1	foul	-44.7	1 of 1	foul	-44.7	1 of 1	foul	-94				Yes	Fixable Exception	-
120387	HA	2300	1.4795	Ashbury Station (Goods Loop)	Platform	Platform Gauge	3.3	942	52.6	0 of 13	normal	-44.6	12 of 13	foul	17.6	8 of 13	specialreduced	-9				Yes	-	-
138821	TSJ	2100	11.89	Viaduct (Bridge No.3A)	Viaduct	Structure Gauging Train LaserFlex	1.7	2235	-31.5	1 of 6	foul	-44.5	2 of 6	foul	-31.5	2 of 6	foul	-78.7				Vegetation	No	-
77326	XTD	1200	7.125	Hither Green Station (Platform 3)	Platform	Platform Gauge	1.9	2575	92.5	0 of 55	normal	-44.5	49 of 55	foul	30.1	4 of 55	reduced	6.6				No	-	-
41983	ECM8	2100	1.0955	Retaining Wall (1 Mile 4 Chains)	Wall	Structure Gauging Train LaserFlex	1.2	778	-44.4	1 of 8	foul	-44.4	1 of 8	foul	-44.4	1 of 8	foul	-107.8				Vegetation	Yes	-
4616	WJL4	3606	193.48	Liverpool Lime Street Station (Platform 6)	Platform	Platform Gauge	3.7	2482	-13.6	19 of 41	foul	-44.3	37 of 41	foul	-13.6	20 of 41	foul	-24.9				Yes	-	-
101435	AYR6	1100	39.364	Newton On Ayr Station (Up Platform)	Platform	Platform Gauge	0.9	65	-0.8	6 of 28	foul	-44.2	28 of 28	foul	-0.8	6 of 28	foul	-23				No	-	Not Reviewed
251224	ECM8	2100	0.7313	Abbeyleigh Arch and Croft & Rgh - Bridge No. 3 & 3AA (0 Miles 58 Chains)	Viaduct	Structure Gauging Train LaserFlex	1.2	776	-44.2	7 of 19	foul	-44.2	8 of 19	foul	-44.2	7 of 19	foul	-101.8				Vegetation	Yes	-
34953	FHR6	1100	30.165	Meadow Bottom (Bridge No.2)	Underbridge	Structure Gauging Train LaserFlex	0.7	877	-44.2	2 of 5	foul	-44.2	2 of 5	foul	-44.2	2 of 5	foul	-93.9				Vegetation	Yes	-
12489	FSH	3100	288.18	Fishguard Harbour (Portladd Abergeun) Station (Single Platform)	Platform	Platform Gauge	1.9	882	-34.4	12 of 32	foul	-44.1	23 of 32	foul	-34.4	15 of 32	foul	-20				#DIV/0!	Not Reviewed	-
13088	MLN1	3604	0.0625	Paddington Station (Platform 4)	Platform	Platform Gauge	1.5	1487	1.9	6 of 57	specialreduced	-44	53 of 57	foul	1.9	10 of 57	specialreduced	-5.8				Yes	-	-
69946	CGJ6	2500	20.835	Lancaster Station (Down Loop Platform 3)	Platform	Platform Gauge	1.5	475	65.4	0 of 40	normal	-43.9	35 of 40	foul	20.2	2 of 40	specialreduced	-9.6				Yes	Not Reviewed	-
22520	CGJ5	3600	6.5341	Wigan North Western Station (Up Bay Platform 3)	Platform	Platform Gauge	2.3	473	82.4	0 of 20	normal	-43.9	15 of 20	foul	30.8	1 of 20	reduced	1				Yes	-	-
67583	TBH2	2100	35.577	Emsworth Road (Bridge No.491)	Underbridge	Structure Gauging Train LaserFlex	2	2190	-43.8	1 of 17	foul	-43.8	1 of 17	foul	-43.8	1 of 17	foul	-100.7				Vegetation	Yes	-
141012	BML1	2100	73.552	Speed Board (73 Miles 44 Chains)	Lineside Furniture	Structure Gauging Train LaserFlex	2.8	256	-43.6	1 of 1	foul	-43.6	1 of 1	foul	-43.6	1 of 1	foul	-31.2				Yes	Fixable Exception	-
23487	CAM	2100	4.7989	Red Bridge-afon Taf Viaduct (Bridge No.464H)	Viaduct	Structure Gauging Train LaserFlex	1.8	367	-14.6	8 of 16	foul	-43.6	10 of 16	foul	-14.6	8 of 16	foul	-70.8				Vegetation	Yes	-
101383	LEN3	2100	98.966	Heworth Station (Down Platform)	Platform	Platform Gauge	3.1	1208	82.3	0 of 35	normal	-43.6	35 of 35	foul	27.1	10 of 35	reduced	4.8				Yes	-	-
28206	LSG1	1100	25.953	Kilwinning Station (Up Platform 1)	Platform	Platform Gauge	1.4	1210	0.9	5 of 36	specialreduced	-43.6	35 of 36	foul	-14	9 of 36	foul	-35.6				No	-	-
22606	BTH3	2100	18.447	Fetcham Road (Bridge No.63)	Underbridge	Structure Gauging Train LaserFlex	2	348	-43.4	2 of 9	foul	-43.4	2 of 9	foul	-43.4	2 of 9	foul	-94.7				Vegetation	No	-
123209	CRB2	3600	8.0443	Holton Station (Platform 1)	Platform	Platform Gauge	1.6	559	95.6	0 of 14	normal	-43.4	13 of 14	foul	30	2 of 14	reduced	5.8				No	-	-
211785	SPC1	3201	49.924	S&T Boxes (49 Miles 73 Chains)	S&T	Structure Gauging Train LaserFlex	2.2	2051	79.5	0 of 1	normal	-43.3	1 of 1	foul	34.3	1 of 1	reduced	7.2				Yes	-	-
126032	ATL	2100	7.1494	Oer Waterloo lines (Bridge No.1304)	Underbridge	Structure Gauging Train LaserFlex	2.1	47	91.4	0 of 12	normal	-43.2	1 of 12	foul	16.5	1 of 12	specialreduced	-1.5				Vegetation	No	-
32752	ECN2	2100	20.077	Burntisland Station (Down Platform)	Platform	Platform Gauge	0.8	794	-19.2	32 of 32	foul	-43.2	32 of 32	foul	-19.2	32 of 32	foul	-32.5				Yes	-	-
71620	EKE	1100	0.6153	Thornliebank Station (Up Platform)	Platform	Platform Gauge	3.2	827	61.5	0 of 36	normal	-43.2	33 of 36	foul	19.2	1 of 36	specialreduced	-4				Yes	-	-
119542	WBB	3100	28.409	Bourne End River Thames (Bridge No.2833)	Viaduct	Laser Gauging Vehicle	1.7	2361	-43.1	2 of 33	foul	-43.1	2 of 33	foul	-43.1	2 of 33	foul	-89.4				Vegetation	No	-
140500	BLP	3400	97.282	Footpath Crossing with wickets (E19/C1)	Crossing	Structure Gauging Train LaserFlex	1.9	225	-42.9	1 of 2	foul	-42.9	1 of 2	foul	-42.9	1 of 2	foul	-87.3				Vegetation	No	-
2950	AFR	2100	117.22	Chittingen Underbridge (Bridge No.11717H)	Underbridge	Structure Gauging Train LaserFlex	1.9	6	-26.1	1 of 4	foul	-42.8	1 of 4	foul	-26.1	1 of 4	foul	-84				Vegetation	Yes	-
81336	COL	3102	189.49	Speed Board (189 Miles 39 Chains)	S&T	Pole And Tape	13.5	551	54.9	0 of 2	normal	-42.8	2 of 2	foul	18.9	1 of 2	specialreduced	-1.4				Yes	-	-
36697	GRS2	1100	125.69	Hackington Station (Up Platform)	Platform	Platform Gauge	1.1	918	75.7	0 of 23	normal	-42.8	18 of 23	foul	27.4	8 of 23	reduced	-0.7				Yes	-	-
40380	LCH	1100	11	Elmers End Station (Up Platform 2)	Platform	Platform Gauge	2.2	1142	47.5	1 of 54	reduced	-42.8	45 of 54	foul	31.8	2 of 54	reduced	7.1				No	-	-
111963	ATH	1100	61.939	Warehous (Bridge No.1802)	Underbridge	Structure Gauging Train LaserFlex	1.7	33	-30.7	2 of 7	foul	-42.7	2 of 7	foul	-30.7	2 of 7	foul	-88.6				Vegetation	No	-
95627	CWVH	1100	18.416	Dunfermline Queen Margaret Station (Up Platform 1)	Platform	Platform Gauge	3.7	577	30.7	6 of 34	reduced	-42.7	32 of 34	foul	11.8	11 of 34	specialreduced	-15.6				Yes	-	-
40899	HKS2	2100	37.114	Liverpool Central Station (Up Platform)	Platform	Platform Gauge	1.2	1068	-42.7	23 of 26	specialreduced	-42.7	23 of 26	foul	-42.7	23 of 26	specialreduced	-29.4				No	-	-
113165	WBS3	3605	35.176	Southport Station (Platform 5)	Platform	Platform Gauge	2.8	2375	98.5	0 of 36	normal	-42.7	20 of 36	foul	26.6	7 of 36	reduced	3.9				No	-	-
127368	XTD	2200	10.136	Retaining Wall (10 Miles 10 Chains)	Wall	Structure Gauging Train LaserFlex	1.9	2588	-42.6	1 of 17	foul	-42.6	1 of 17	foul	-42.6	1 of 17	foul	-98.8				Vegetation	No	-
110981	CNH1	2100	176.22	Clay Pits (Bridge No.57)	Underbridge	Structure Gauging Train LaserFlex	1	513	-42.5	2 of 5	foul	-42.5	2 of 5	foul	-42.5	2 of 5	foul	-96.8				Vegetation	Yes	-
233155	LTN1	2152	12.76	Fence (12 Miles 60 Chains)	Wall	Structure Gauging Train LaserFlex	2.1	1316	8.1	2 of 25	specialreduced	-42.5	2 of 25	foul	4.8	2 of 25	specialreduced	-5.1				Vegetation	No	-
109248	MR2	3603	3.4875	Rock Ferry Station (Platform 3)	Platform	Platform Gauge	2.6	1403	84.7	0 of 28	foul	-42.5	25 of 28	foul	-8.7	13 of 28	foul	-37.7				No	-	-
27907	BGK	2500	17.146	Brosbourne Station (Down Loop Platform 4)	Platform	Platform Gauge	1.4	184	84.7	0 of 35	normal	-42												

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Flsp A (LSSG)			22.96m SVG Flsp B (Specific)			20m SVG Flsp B			Comments	23m Route?	OMNICO
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
6164	BKE	2100	46.484	Bramley Station [Down Platform 2]	Platform	Platform Gauge	3.1	209	75.3	0 of 9	normal	-39	9 of 9	foul	33.3	1 of 9	reduced	13.3			Yes	-	
34377	FHRS	2100	15.773	Accrington Station [Down Platform]	Platform	Platform Gauge	0.6	870	66.7	0 of 23	normal	-38.9	21 of 23	foul	34.3	5 of 23	reduced	18.2			Yes	-	
8313	FHRS	2100	19.926	Leeds/Liverpool Canal [Bridge No.54]	Underbridge	Structure Gauging Train LaserFlex	0.7	871	2.6	1 of 8	specialreduced	-38.9	1 of 8	foul	2.6	1 of 8	specialreduced	-46.1			Vegetation	Yes	
102825	MPR2	1100	2.9841	Ground Signal [2 Miles 79 Chains]	Signal	Laser Gauging Vehicle	4.2	1561	-4.5	1 of 1	foul	-38.8	1 of 1	foul	-4.5	1 of 1	foul	-38.9			Yes	Resurvey	
75947	WSJ2	3104	171.47	Shrewsbury Station [Platform 4]	Platform	Platform Gauge	1.4	2546	-8.4	3 of 41	foul	-38.8	30 of 41	foul	-8.4	8 of 41	foul	6.4			Yes	-	
135030	BBR	1100	25.389	Retaining Wall [25 Miles 31 Chains]	Wall	Structure Gauging Train LaserFlex	2	121	-38.6	2 of 4	foul	-38.6	2 of 4	foul	-38.6	2 of 4	foul	-92.8			Vegetation	No	
119044	HDB	2600	19.553	Hertford North Station [Down Bay Platform 3]	Platform	Platform Gauge	0.7	964	48.1	1 of 30	reduced	-38.6	30 of 30	foul	35.1	4 of 30	reduced	-3.9			No	-	
188894	MAS	1100	159.03	Sign Equipment [159 Miles 2 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	3.2	1369	96.5	0 of 1	normal	-38.6	1 of 1	foul	16.2	1 of 1	specialreduced	-3.1			Yes	-	
50941	MLN1	1100	235.9	Langham [Bridge No.23571T]	Overbridge	LaserSweep	0.7	1429	-38.6	2 of 2	foul	-38.6	2 of 2	foul	-38.6	2 of 2	foul	-87.5			Yes	Fixable Exception	
223913	MLN1	3602	2.2574	Train Wash [2 Miles 20 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.8	1498	-38.6	1 of 1	foul	-38.6	1 of 1	foul	-38.6	1 of 1	foul	-94.9			Yes	-	
107463	MLN3	1100	277.42	Lostwithiel Station [Up Platform 1]	Platform	Platform Gauge	1.5	1517	71.6	0 of 13	normal	-38.6	9 of 13	foul	32	4 of 13	reduced	8.5			No	-	
46956	HUL2	3800	31.021	Selby Station [Bay Platform 3]	Platform	Platform Gauge	1.9	1053	96.8	0 of 31	normal	-38.4	31 of 31	foul	36.2	5 of 31	reduced	13.7			Yes	-	
51687	LECS	3201	157.89	Crewe Station [Platform 1]	Platform	Platform Gauge	2.1	1184	65.3	0 of 70	normal	-38.4	60 of 70	foul	35.4	3 of 70	reduced	13.7			Yes	-	
118030	RDG1	2100	14.8	Feltham Station [Platform 2]	Platform	Platform Gauge	1.3	1862	105.7	0 of 19	normal	-38.4	19 of 19	foul	37.2	2 of 19	reduced	14.4			Yes	-	
222974	SWM2	2300	202.46	Lineside Building [202 Miles 36 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	2154	-38.4	1 of 2	foul	-38.4	1 of 2	foul	-38.4	1 of 2	foul	-95.9			Vegetation	Yes	
108939	HUL1	2100	0.5455	Argyle Street [Bridge No.2]	Overbridge	Structure Gauging Train LaserFlex	2.6	1043	-38.3	2 of 4	foul	-38.3	2 of 4	foul	-38.3	2 of 4	foul	-53.2			Yes	Fixable Exception	
13998	M-H	3400	3.8676	Heysham Station [Single Platform]	Platform	Platform Gauge	0.4	1392	16.7	8 of 49	specialreduced	-38.3	34 of 49	foul	16.7	8 of 49	specialreduced	0.7			Yes	-	
41877	IOW	3400	3.1494	Truckell's Bridge [Bridge No.EW1/18 (Geogis)]	Overbridge	LaserSweep	4.5	1086	-38.2	1 of 1	foul	-38.2	1 of 1	foul	-38.2	1 of 1	foul	-70.5			#DIV/0!	-	
202165	LEH3	2100	16.616	Wall [16 Miles 65 Chains]	Wall	Structure Gauging Train LaserFlex	3	1191	-38	3 of 21	foul	-38	6 of 21	foul	-38	4 of 21	foul	-96.9			Vegetation	Yes	
119060	TWN	3601	70.081	Walton On The Naze Station [Single Platform]	Platform	Platform Gauge	1.4	2256	-7.1	6 of 36	foul	-37.9	32 of 36	foul	-7.1	9 of 36	foul	-23.1			No	-	
57403	THG	2901	0.125	Norwich Station [Royal Dock No.1]	Platform	Platform Gauge	3.3	2182	48.6	2 of 12	reduced	-37.8	9 of 12	foul	36.6	6 of 12	specialreduced	-24.4			#DIV/0!	-	
74422	XTD	2101	1.7733	London Bridge Station [Platform 1]	Platform	Platform Gauge	1.4	2581	-37.8	5 of 60	foul	-37.8	28 of 60	foul	-37.8	5 of 60	foul	-5.8			No	-	
226214	XTD	2104	3.9977	Sign [3 Miles 79 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.9	2583	90.1	0 of 1	normal	-37.8	1 of 1	foul	13	1 of 1	specialreduced	-32.1			No	-	
114314	LVS	3617	0.0341	Liverpool Street Station [Platform 17]	Platform	Platform Gauge	1.9	1348	-20.8	2 of 27	foul	-37.7	12 of 27	foul	-20.8	2 of 27	foul	-32.9			#DIV/0!	-	
138636	VIR	1500	51.881	Faversham Station [Platform 1]	Platform	Platform Gauge	2.4	2266	98.6	0 of 28	normal	-37.7	20 of 28	foul	26.5	1 of 28	reduced	4.8			No	-	
46672	WHL	3100	99.322	Fort William Station [Platform 1]	Platform	Platform Gauge	2.8	2457	47.7	1 of 44	reduced	-37.7	44 of 44	foul	37.1	8 of 44	reduced	7.7			Yes	-	
111893	CAM	2100	6.6432	Pentrynch Afon Taf Viaduct [Bridge No.651C]	Viaduct	Structure Gauging Train LaserFlex	1.8	368	-10.4	1 of 15	foul	-37.6	1 of 15	foul	-10.4	1 of 15	foul	-67.3			Vegetation	No	
120793	MVNZ	2100	10.43	Rochdale Station [Down Platform 1]	Platform	Platform Gauge	2.8	1606	53.3	0 of 45	normal	-37.6	40 of 45	foul	19	31 of 45	specialreduced	-5.4			Yes	-	
12199	CAM	2100	7.1795	Redmarley Road [Bridge No.714d]	Overbridge	Structure Gauging Train LaserFlex	1.8	369	-37.5	2 of 6	foul	-37.5	2 of 6	foul	-37.5	2 of 6	foul	-9.9			No	-	
132788	BIB	3100	0.075	Shipley Station [Bi-directional Platform 5]	Platform	Platform Gauge	1.3	200	-37.4	21 of 26	foul	-37.4	21 of 26	foul	-37.4	21 of 26	foul	-5.9			No	Not Reviewed	
183780	DCL	1100	106.41	Retaining Wall [106 Miles 41 Chains]	Wall	Structure Gauging Train LaserFlex	1	633	-37.4	1 of 34	foul	-37.4	1 of 34	foul	-37.4	1 of 34	foul	-93			Yes	-	
37103	HDT	2100	6.9244	Viaduct A513 - A535 [6 Miles 73 chains]	Viaduct	Structure Gauging Train LaserFlex	2.2	991	33.9	1 of 39	specialreduced	-37.4	2 of 39	foul	6.8	2 of 39	specialreduced	-41.7			Vegetation	No	
133470	LTN1	1100	59.363	Manningtree Station [Platform 2]	Platform	Platform Gauge	0.6	1271	59.8	0 of 50	normal	-37.3	46 of 50	foul	33.1	6 of 50	reduced	3			No	-	
185351	SSV	2100	24.444	Retaining Wall [24 Miles 35 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	2073	-37.1	4 of 15	foul	-37.1	4 of 15	foul	-37.1	4 of 15	foul	-87.8			Vegetation	No	
41462	CTC	1100	0.1341	Polokshields East Station [Up Platform]	Platform	Platform Gauge	1.3	1267	-36.9	13 of 31	foul	-36.9	13 of 31	foul	-36.9	13 of 31	foul	-19.6			No	-	
116456	EBW	3100	14.67	Ebbw Vale Road Or Aberbeeg [Bridge No.1453H]	Overbridge	Structure Gauging Train LaserFlex	1.8	690	-36.9	1 of 2	foul	-36.9	1 of 2	foul	-36.9	1 of 2	foul	-85.8			Vegetation	Yes	
51658	KYL	1500	63.559	Kyle Of Lochaleish Station [Up Platform 1]	Platform	Platform Gauge	1.6	1110	68.3	0 of 22	normal	-36.9	6 of 22	foul	26.3	3 of 22	reduced	-5.1			No	Not Reviewed	
112899	SBJ	1100	20.324	Eynsford Road [Bridge No.534]	Underbridge	Structure Gauging Train LaserFlex	1.7	1923	94.5	0 of 5	normal	-36.9	1 of 5	foul	34.3	1 of 5	reduced	16.2			Vegetation	No	
114821	CAT	1100	6.5608	Frendsburry Road [Bridge No.457]	Underbridge	Structure Gauging Train LaserFlex	2.8	402	99.9	0 of 8	normal	-36.8	2 of 8	foul	38.7	1 of 8	reduced	20.6			No	-	
113732	CWK2	3500	3	Birkenhead North Station [Loop Platform]	Platform	Platform Gauge	2.1	605	-0.6	6 of 29	foul	-36.8	22 of 29	foul	-7.5	7 of 29	foul	-24.9			No	-	
134156	MIR2	2100	3.4551	Rock Ferry Station [Platform 1]	Platform	Platform Gauge	0.6	1402	96.5	0 of 17	normal	-36.8	15 of 17	foul	13.4	3 of 17	specialreduced	-10.2			No	-	
127349	HIT	3100	17.203	Retaining Wall [17 Miles 17 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	1290	-36.8	1 of 1	foul	-36.8	1 of 1	foul	-36.8	1 of 1	foul	-9.2			Vegetation	No	
162588	BRY	2100	1.7568	Poles & Posts [1 Mile 60 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	3.7	316	-18.7	1 of 1	foul	-36.7	1 of 1	foul	-18.7	1 of 1	foul	-59.6			Yes	-	
4353	WJL4	1200	192.21	Edge Hill Station [Platform 1]	Platform	Platform Gauge	3.3	2475	-6.9	13 of 44	foul	-36.7	21 of 44	foul	-6.9	14 of 44	foul	-36.7			Yes	-	
40259	CBCL	1100	0.3057	Carnforth Station [Up Platform 1]	Platform	Platform Gauge	0.8	430	-36.6	18 of 52	foul	-36.6	29 of 52	foul	-36.6	18 of 52	foul	-9.4			Yes	Not Reviewed	
16719	BML1	2200	27.906	Brookwood Station [Down Slow Platform 2]	Platform	Platform Gauge	1.5	267	97.4	0 of 25	normal	-36.5	20 of 25	foul	38.2	5 of 25	reduced	11.2			Yes	-	
32869	CTC	1100	1.2318	Queens Drive [Bridge No.10]	Overbridge	Structure Gauging Train LaserFlex	2.9	568	-36.4	1 of 5	foul	-36.4	1 of 5	foul	-36.4	1 of 5	foul	-65			No	-	
30801	DJP	3100	124.93	Criccieth Station [Single Line Platform]	Platform	Platform Gauge	1.8	981	80.3	0 of 52	normal	-36.4	23 of 52	foul	27.3	14 of 52	reduced	9.1			Yes	-	
5938	ECM1	3605	0.0125	Kings Cross Station [Platform 5]	Platform	Platform Gauge	1.1	724	63.6	0 of 56	normal	-36.4	53 of 56	foul	38.4	5 of 56	reduced	9.4			No	-	
40691	LEC1	3605	0	Euston Station [Platform 5]	Platform	Platform Gauge	1.4	1162	64.9	0 of 60	normal	-36.3	57										

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Flsp A (LSSG)			22.96m SVG Flsp B (Specific)			20m SVG Flsp B			Comments	23m Route?	OMNICON	
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category				
2536	ILK2	2100	211.16	Ilkley Station [Down Platform 1]	Platform	Platform Gauge	1.7	1076	83.6	0 of 43	normal	-34.1	38 of 43	foul	28.2	6 of 43	reduced	5.5				No	-	
107830	MLN1	3600	118.2	Bristol Temple Meads Station [Bay Platform 1]	Platform	Platform Gauge	1.4	1482	5.6	2 of 22	specialreduced	-34	12 of 22	foul	3	3 of 22	specialreduced	-21.2				Yes	-	
68598	THO	3100	4.1898	River Loden [Bridge No.10]	Underbridge	Structure Gauging Train LaserFlex	1.5	2183	-34	1 of 8	foul	-34	1 of 8	foul	-34	1 of 8	foul	-8.1				Vegetation	Yes	-
9566	ECM1	3602	155.81	Doncaster Station [Platform 2 Up Bay]	Platform	Platform Gauge	1.4	720	74	0 of 26	normal	-33.9	26 of 26	foul	42.6	1 of 26	reduced	19.8				Yes	-	
33654	HGL2	3400	64.166	Enderidge - A9 Trunk Road [Bridge No.173]	Overbridge	Structure Gauging Train LaserFlex	2.6	1010	-33.9	1 of 3	foul	-33.9	1 of 3	foul	-33.9	1 of 3	foul	-86.6				Vegetation	Yes	-
96404	IOW	2100	0.9375	Rink Road [Bridge No.EV1/4 (Geogis)]	Overbridge	LaserSweep	4.5	1083	-33.9	1 of 1	foul	-33.9	1 of 1	foul	-33.9	1 of 1	foul	-46.6			#DIV/0!		-	
4879	CAW	1100	7.7682	Retaining Wall [7 Miles 61 Chains]	Wall	Structure Gauging Train LaserFlex	1	419	62.7	5 of 23	reduced	-33.8	6 of 23	foul	30.6	6 of 23	reduced	-8.6				Vegetation	Yes	-
58327	SBJ	1100	39.835	River Medway [Bridge No.610]	Underbridge	Structure Gauging Train LaserFlex	1.7	1928	19.3	1 of 10	specialreduced	-33.7	1 of 10	foul	18.5	1 of 10	specialreduced	-38.8				Vegetation	No	-
115392	CAW	2100	7.6716	Craven Park [Bridge No.9]	Overbridge	Structure Gauging Train LaserFlex	1	426	-33.6	1 of 4	foul	-33.6	1 of 4	foul	-33.6	1 of 4	foul	-88.6				Vegetation	Yes	-
251209	ECM8	2100	2.8483	Sign Equipment [2 Miles 67 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.2	779	-33.6	1 of 1	foul	-33.6	1 of 1	foul	-33.6	1 of 1	foul	-89.2				Vegetation	Yes	-
40024	LBW	1100	1.9165	Bolton Road [Bridge No.213]	Underbridge	Structure Gauging Train LaserFlex	1.9	1122	86.3	0 of 8	normal	-33.5	1 of 8	foul	15.8	1 of 8	specialreduced	-32				Vegetation	Yes	-
8418	DAE2	3600	11.276	Bishop Auckland Station [Bay Platform]	Platform	Platform Gauge	2.7	622	106.3	0 of 5	normal	-33.5	5 of 5	foul	28.6	1 of 5	reduced	7				Yes	-	
240453	BML1	1100	67.539	Sign Equipment [67 Miles 43 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2	232	112.1	0 of 1	normal	-33.4	1 of 1	foul	45.3	1 of 1	reduced	23.2				Yes	-	
18136	BML1	3612	0.0557	Waterloo Station [Platform 12]	Platform	Platform Gauge	4.3	280	86.5	0 of 52	normal	-33.4	48 of 52	foul	32	1 of 52	reduced	10.4				Yes	-	
31630	ECM5	3601	43.981	Darlington Station [Platform 1]	Platform	Platform Gauge	1.5	742	59.8	0 of 69	normal	-33.4	46 of 69	foul	27.9	3 of 69	reduced	-4.6				Yes	-	
257139	GSW	1100	73.861	Rock Face [73 Miles 68 Chains]	Wall	Structure Gauging Train LaserFlex	2.7	930	-33.4	5 of 40	foul	-33.4	5 of 40	foul	-33.4	5 of 40	foul	-91.1				Vegetation	Yes	-
27281	HXS3	3602	18.324	Southport Station [Platform 2]	Platform	Platform Gauge	1.3	1073	38.4	1 of 25	reduced	-33.4	20 of 25	foul	34.3	5 of 25	reduced	3.4				No	-	
61703	SBA2	3900	95.578	Aberystwyth Station [Platform 1]	Platform	Platform Gauge	8.5	1919	65.9	0 of 27	normal	-33.4	14 of 27	foul	41.5	1 of 27	reduced	3.3				Yes	-	
50510	MLN1	1100	18.375	Slough Station [Up Main Platform 3]	Platform	Platform Gauge	1	1411	102	0 of 40	normal	-33.3	31 of 40	foul	41.5	1 of 40	reduced	16.3				Yes	-	
11257	ARG1	2100	0.1091	Rutherglen Station [Down Platform]	Platform	Platform Gauge	0.8	29	-3.2	21 of 29	foul	-33.2	29 of 29	foul	-3.2	24 of 29	foul	-26				No	Not Reviewed	
200238	BEX	2100	7.2426	Retaining Wall [7 miles - 19 chains - 9 yards]	Wall	Structure Gauging Train LaserFlex	2.8	149	-33.2	1 of 15	foul	-33.2	1 of 15	foul	-33.2	1 of 15	foul	-62				Vegetation	No	-
1638	NEK	2100	0.225	Park Lane Interchange Station [Down Platform]	Platform	Platform Gauge	3.7	1648	13.6	2 of 14	foul	-33.2	14 of 14	foul	-33.2	2 of 14	foul	-27.2				Yes	-	
7425	TSN2	1300	123.45	Nottingham Station [Platform 6]	Platform	Platform Gauge	2.4	2236	44.4	3 of 60	reduced	-33.2	44 of 60	foul	41.9	4 of 60	reduced	20.5				Yes	-	
125669	WSJ2	2503	171.5	Shrewsbury Station [Platform 3]	Platform	Platform Gauge	1.4	2545	58.4	0 of 34	normal	-33.2	20 of 34	foul	41.9	1 of 34	reduced	16.9				Yes	-	
71349	CDM2	1100	14.459	Knutsford Station [Up Platform]	Platform	Platform Gauge	1.5	458	106.8	0 of 29	normal	-33.1	21 of 29	foul	42.5	2 of 29	reduced	18.5				Yes	-	
46141	TOR	2100	222.07	Paignton Station [Down Platform 1]	Platform	Platform Gauge	0.7	2227	78.8	0 of 51	normal	-33.1	43 of 51	foul	39.6	4 of 51	reduced	18.4				Yes	-	
235260	WPH1	1100	57.239	Fence [57 Miles 19 Chains]	Wall	Structure Gauging Train LaserFlex	2	2498	-33.1	1 of 6	foul	-33.1	1 of 6	foul	-33.1	1 of 6	foul	-85.2				Vegetation	Yes	-
76535	WDB1	2100	10.8	Hawarden Station [Down Platform]	Platform	Platform Gauge	1.9	2405	63.1	0 of 16	normal	-33	15 of 16	foul	28.6	1 of 16	reduced	-1.1				No	-	
1459	OC	3604	68.548	Cleaton Station [Platform 4]	Platform	Platform Gauge	1.4	548	69.4	0 of 28	normal	-32.9	28 of 28	foul	28.9	4 of 28	reduced	8				No	-	
95301	HEN	3100	33.084	Shiplake Viaduct [Bridge No.3306H]	Viaduct	Structure Gauging Train LaserFlex	1.6	992	-32.9	1 of 44	foul	-32.9	1 of 44	foul	-32.9	1 of 44	foul	-9				Vegetation	Yes	-
133730	RDG1	3619	0	Waterloo Station [Platform 19]	Platform	Platform Gauge	4.3	1873	-2.6	20 of 79	foul	-32.9	59 of 79	foul	-2.6	21 of 79	foul	-6.4				Yes	-	
11732	ROU	3100	3.2864	Uppminster Station [Platform 6]	Platform	Platform Gauge	2.2	1882	108.8	0 of 14	normal	-32.9	13 of 14	foul	37.5	4 of 14	reduced	4.4				No	-	
101205	WBS3	2100	33.991	Meols Cop Station [Down Platform]	Platform	Platform Gauge	0.6	2373	73.5	0 of 26	normal	-32.9	8 of 26	foul	43.6	2 of 26	reduced	12.6				Yes	-	
87679	MEB1	2100	2.7	Drayton Park Station [Down Platform]	Platform	Platform Gauge	4.1	1386	86.6	0 of 27	normal	-32.8	26 of 27	foul	44.3	1 of 27	reduced	21.7				Yes	-	
40873	LCN	1100	15.261	Wreshington Station [Up Platform]	Platform	Platform Gauge	2.1	1148	102.5	0 of 16	normal	-32.7	12 of 16	foul	44.6	1 of 16	reduced	22.2				Yes	-	
7482	WHC3	3100	46.432	Cromer Station [Platform 1]	Platform	Platform Gauge	3.9	2435	-32.7	4 of 26	foul	-32.7	27 of 29	foul	-32.7	4 of 29	foul	-14.7				Yes	Not Reviewed	
110024	BBJ	2100	7.8926	Gipsy Hill Station [Down Platform 2]	Platform	Platform Gauge	13.2	108	96.6	0 of 18	normal	-32.6	18 of 18	foul	42.1	1 of 18	reduced	13.2				No	-	
50740	CGJ7	3100	68.897	Carlisle Station [Down Platform 1]	Platform	Platform Gauge	1	481	37.2	2 of 79	reduced	-32.6	48 of 79	foul	37.2	6 of 79	reduced	17.8				Yes	-	
118245	RBS1	3810	112.87	Birmingham New Street [Platform 10]	Platform	Platform Gauge	3.8	1817	-32.6	16 of 67	foul	-32.6	44 of 67	foul	-32.6	16 of 67	foul	-9.2				Yes	-	
102390	SWM2	2100	129.98	Retaining Wall [129miles 71chains]	Wall	Structure Gauging Train LaserFlex	1.8	2144	96	0 of 72	normal	-32.6	1 of 72	foul	14.7	1 of 72	specialreduced	-17.9				Vegetation	Yes	-
35052	TSJ	2100	11.878	Colne Road [Bridge No.54V3]	Underbridge	Structure Gauging Train LaserFlex	1.7	2233	46.7	1 of 2	reduced	-32.6	1 of 2	foul	25.2	1 of 2	reduced	-6.5				Vegetation	No	-
98799	TSJ	2100	11.878	Underbridge [Bridge No.44 & 2]	Underbridge	Structure Gauging Train LaserFlex	1.7	2234	46.7	2 of 4	reduced	-32.6	2 of 4	foul	25.2	2 of 4	reduced	-6.5				Vegetation	No	-
134742	ECM5	3604	43.988	Darlington Station [Platform 4]	Platform	Platform Gauge	1.5	743	77.7	0 of 74	normal	-32.5	56 of 74	foul	34	1 of 74	reduced	16.7				Yes	-	
7344	FHR6	1100	24.726	Honey Holme [Bridge No.33]	Underbridge	Structure Gauging Train LaserFlex	0.7	874	-32.5	2 of 4	foul	-32.5	2 of 4	foul	-32.5	2 of 4	foul	-90.4				Vegetation	Yes	-
188050	NEC1	2100	0.5136	Sign Equipment [0 Miles 45 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	3.2	1633	77.5	0 of 1	normal	-32.4	1 of 1	foul	35.7	1 of 1	reduced	19.6				Yes	-	
70036	VIR	1100	14.639	St Mary Cray Station [Platform 1]	Platform	Platform Gauge	1.5	2260	70	0 of 25	normal	-32.4	20 of 25	foul	44.3	1 of 25	reduced	22.9				No	-	
99752	FDM	1100	69.706	Snowdown & Nonington Station [Platform 1]	Platform	Platform Gauge	12.3	853	77	0 of 37	normal	-32.3	27 of 37	foul	42.7	1 of 37	reduced	18.1				No	-	
44172	LTN1	2152	7.2949	Ward Station [Platform 4]	Platform	Platform Gauge	3.3	1309	56	0 of 50	normal	-32.3	36 of 50	foul	25.8	17 of 50	reduced	-14.9				No	-	
223821	MLN1	3602	2.3415	Train Wash - A [2 Miles 2 Miles																				

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fsp A (LSSG)			22.96m SVG Fsp B (Specific)			20m SVG Fsp B		Comments	23m Route?	OMNICO	
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio				
63334	WCM2	3615	102.08	Glasgow Central Station [Platform 15]	Platform	Platform Gauge	2.1	2402	25	2 of 48	reduced	30.2	48 of 48	foul	25	4 of 48	reduced	14.1			Yes	-	
3422	YMS	3604	41.975	Scarborough Station [Platform 4]	Platform	Platform Gauge	1	2611	22.8	10 of 48	foul	30.2	42 of 48	foul	22.8	11 of 48	foul	-20.7			Yes	-	
52159	CJC	1100	7.025	Wood Street Station [Up Platform 1]	Platform	Platform Gauge	1.5	491	59	0 of 33	normal	30.1	24 of 33	foul	41.6	1 of 33	reduced	21.1			No	-	
70824	HGG1	3601	29.996	East Grinstead Station [Platform 2]	Platform	Platform Gauge	3.9	999	43.2	3 of 35	reduced	30.1	25 of 35	foul	42.2	3 of 35	reduced	22			No	-	
60585	RDG1	2100	4.6727	Wandsworth Town Station [Platform 2]	Platform	Platform Gauge	1.8	1856	95.3	0 of 35	normal	30.1	19 of 35	foul	30.1	1 of 35	specialreduced	-22.8			Yes	-	
1385	ECM1	3603	105.48	Grantham Station [Platform 3]	Platform	Platform Gauge	1.9	722	88.1	0 of 21	normal	30	18 of 21	foul	40.7	1 of 21	reduced	10.2			Yes	-	
63637	PBN	3606	17.487	Blackpool North Station [Platform 6]	Platform	Platform Gauge	4.1	1776	3.3	3 of 22	specialreduced	30	16 of 22	foul	0.2	3 of 22	specialreduced	-22			Yes	Fixable Exception	
67453	VTB1	2200	2.6114	Falcon Road [Bridge No.21]	Underbridge	Structure Gauging Train LaserFlex	2	2311	14.8	1 of 4	specialreduced	30	1 of 4	foul	14.8	1 of 4	specialreduced	-22.3			Vegetation	No	-
101195	WCM2	1100	89.397	Motherwell Station [Platform 1]	Platform	Platform Gauge	0.6	2390	83.7	0 of 57	normal	30	52 of 57	foul	48.1	1 of 57	reduced	27.4			Yes	-	
108930	LTN1	3605	51.663	Colchester Station [Platform 5]	Platform	Platform Gauge	1.8	1338	83.5	0 of 47	normal	29.9	45 of 47	foul	42.7	2 of 47	reduced	15.6			No	-	
8327	RBV	3604	20.388	Great Yarmouth Station [Platform 4]	Platform	Platform Gauge	4.4	1830	23.5	13 of 55	foul	29.9	24 of 55	foul	23.5	14 of 55	foul	-20.7			Yes	Not Reviewed	
42814	KJE3	3602	23.738	Eastbourne Station [Platform 2]	Platform	Platform Gauge	3.3	1107	71.7	2 of 36	reduced	29.8	28 of 36	foul	40.4	8 of 36	specialreduced	-19.1			No	-	
189481	LEC4	1200	156.48	Sign Equipment [156 Miles 38 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	3.2	1181	-4.4	1 of 1	foul	29.8	1 of 1	foul	-4.4	1 of 1	foul	-62.4			Yes	Fixable Exception	
112133	LTN1	2100	1.092	Bethnal Green Station [Down Main]	Platform	Platform Gauge	1.9	1292	109	0 of 38	normal	29.8	35 of 38	foul	46.7	4 of 38	reduced	14.6			No	-	
6819	TTA1	2100	172.95	New Mills Tunnel [172 Miles 77 Chains]	Tunnel	Laser Gauging Vehicle	2.8	2243	29.8	2 of 23	foul	29.8	2 of 23	foul	29.8	2 of 23	foul	-70.4			Yes	-	
108917	ECM3	3604	0.1176	Edinburgh Waverley Station [Platform 4]	Platform	Platform Gauge	4.6	784	34.4	2 of 45	reduced	29.7	23 of 45	foul	34.4	5 of 45	reduced	2.3			Yes	-	
116394	RAC	3400	128.92	Buwell Station [Single Line Platform]	Platform	Platform Gauge	1.4	1810	61.4	0 of 19	normal	29.7	17 of 19	foul	34.5	9 of 19	reduced	7.6			Yes	-	
134022	SCM3	3607	118.21	Stirling Station [Platform 7]	Platform	Platform Gauge	1.2	1944	101.7	0 of 12	normal	29.7	11 of 12	foul	45	1 of 12	reduced	17.9			Yes	-	
205948	SVC	1100	0.1534	Sign Equipment (Speed Board) [0 Miles 12 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.7	2163	72.7	0 of 1	normal	29.7	1 of 1	foul	49.3	1 of 1	reduced	33.7			Yes	-	
119810	CTC	2100	4.9489	Pollokshields West Station [Down Platform]	Platform	Platform Gauge	1.3	576	90.2	0 of 31	normal	29.6	30 of 31	foul	45.1	1 of 31	reduced	19.7			No	-	
4725	DCI	2402	63.419	Oxford Station [Down Loop Platform 2]	Platform	Platform Gauge	0.4	645	83.6	0 of 56	normal	29.6	42 of 56	foul	34.5	6 of 56	reduced	15.4			Yes	-	
41229	HKS2	2100	37.101	Liverpool Central Station [Down Platform]	Platform	Platform Gauge	1.2	1060	29.3	10 of 26	foul	29.6	26 of 26	foul	29.3	11 of 26	foul	-9.2			Yes	-	
76904	SAA	2100	0.0099	Stirling Station [Platform 6]	Platform	Platform Gauge	3.2	1900	45.9	1 of 62	reduced	29.6	44 of 62	foul	32.6	4 of 62	reduced	8.5			Yes	-	
202730	SWM2	2100	225.77	Wall [225 Miles 61 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2148	-27.7	9 of 77	foul	29.6	10 of 77	foul	-27.7	9 of 77	foul	-83.9			Vegetation	Yes	-
96735	MLN1	3411	118.26	Bristol Temple Meads Station [Platforms 11 And 12]	Platform	Platform Gauge	3.6	1479	9.1	2 of 79	specialreduced	29.5	26 of 79	foul	-1.1	3 of 79	foul	-17.7			Yes	-	
63249	NEM2	2600	10.435	Airdrie Station [Platform 1]	Platform	Platform Gauge	0.7	1654	-0.4	9 of 38	foul	29.4	32 of 38	foul	-0.4	10 of 38	foul	-25.1			No	-	
115325	SAC	1100	253.57	Speed Board [253 miles, 42 chains]	Lineside Furniture	Structure Gauging Train LaserFlex	4	1905	29.4	1 of 1	foul	29.4	1 of 1	foul	29.4	1 of 1	foul	-79.2			Yes	Fixable Exception	
122381	TJC3	2200	221.23	Slipston Station [Down Slow Platform 4]	Platform	Platform Gauge	2	2217	29.2	10 of 43	reduced	29.4	38 of 43	foul	29.2	11 of 43	reduced	17.5			Yes	-	
139026	ECN3	3603	240.94	Aberdeen Station [Platform 3]	Platform	Platform Gauge	1.5	807	44.8	7 of 33	specialreduced	29.3	17 of 33	foul	44.7	3 of 33	foul	-22.4			Yes	-	
61640	SBA2	1100	47.725	Newtown Station [Up Loop Platform]	Platform	Platform Gauge	1.6	1913	44.8	2 of 32	reduced	29.3	13 of 32	foul	44.7	3 of 32	reduced	15.3			Yes	-	
1463	COC	3602	69.534	Clacton Station [Platform 2]	Platform	Platform Gauge	1.5	547	44.7	1 of 53	reduced	29.2	37 of 53	foul	18.3	3 of 53	specialreduced	-12.5			No	Not Reviewed	
96029	FDM	3102	77.222	Dover Priory Station [Platform 2]	Platform	Platform Gauge	15.4	856	106.1	0 of 1	normal	29.2	1 of 1	foul	45.9	1 of 1	reduced	20.6			No	-	
2598	MBW3	3100	30.651	Whitby Station [Bi-Directional Platform]	Platform	Platform Gauge	2.8	1374	-9.3	3 of 18	foul	29.2	13 of 18	foul	-9.3	5 of 18	foul	-7.6			Yes	-	
43682	WPH1	2100	34.385	Soddingham Station [Platform 2]	Platform	Platform Gauge	1.9	2503	77.4	0 of 54	normal	29.2	44 of 54	foul	43.5	1 of 54	reduced	17			Yes	-	
68676	TH	1100	47.363	Etchingham Station [Platform 1]	Platform	Platform Gauge	1.4	2247	97.6	0 of 36	normal	29.1	31 of 36	foul	46	1 of 36	reduced	22.2			No	-	
7500	ALC1	2100	2.3267	Erdington Station [Down Platform]	Platform	Platform Gauge	4.1	13	102.3	0 of 43	normal	29	38 of 43	foul	46.6	3 of 43	reduced	22.4			Yes	-	
112156	MLN1	1200	24.176	Maidenhead Station [Up Relief Platform 4]	Platform	Platform Gauge	1.2	1434	105.3	0 of 42	normal	29	8 of 42	foul	46.5	1 of 42	reduced	22.4			Yes	-	
102962	NKL	2100	9.2756	Greens End, General Gordon, New Road, & Baking Hall [Bridge No.594, 595]	Overbridge	Structure Gauging Train LaserFlex	2.8	1718	-29	10 of 23	foul	29	10 of 23	foul	-29	10 of 23	foul	-43.5			No	-	
226608	BRY	1300	2.1989	Cut Out Speed Sign [2 Miles 16 Chains]	Lineside Furniture	Laser Gauging Vehicle	1	314	119.1	0 of 1	normal	28.9	1 of 1	foul	41.5	1 of 1	reduced	-3.4			Yes	-	
102961	NKL	1100	9.2744	Greens End, General Gordon, New Road, & Baking Hall [Bridge No.594, 595]	Overbridge	Structure Gauging Train LaserFlex	1.9	1707	-28.9	9 of 22	foul	28.9	9 of 22	foul	28.9	9 of 22	foul	-43.7			No	-	
61390	SCU1	3400	35.62	Endle Station [Single Platform]	Platform	Platform Gauge	0.9	1967	50.3	0 of 26	normal	28.9	20 of 26	foul	40.5	4 of 26	reduced	4.6			No	-	
57296	VTB1	2200	6.5307	Streatham Common Station [Platform 1]	Platform	Platform Gauge	1.2	2033	34.3	2 of 22	normal	28.9	9 of 22	foul	34.4	2 of 22	reduced	12.8			No	-	
8798	HGL2	3400	63.512	Rock Face [63 Miles 41 Chains]	Wall	Structure Gauging Train LaserFlex	2.6	1009	-28.8	1 of 12	foul	28.8	1 of 12	foul	-28.8	1 of 12	foul	-77.3			Vegetation	No	-
64627	NNH	2100	102.86	Williamwood Station [Down Platform]	Platform	Platform Gauge	3.2	1730	105.6	0 of 34	normal	28.8	23 of 34	foul	46.7	2 of 34	reduced	25.3			Yes	-	
110220	CAR	1100	13.717	Ystrad Mynach Station [Up Platform]	Platform	Platform Gauge	0.5	385	101.6	0 of 15	normal	28.7	13 of 15	foul	44	2 of 15	reduced	21			Yes	-	
4795	ECM1	1200	4.9188	Alexandra Palace Station [Platform 2]	Platform	Platform Gauge	0.6	698	14.1	17 of 35	specialreduced	28.7	33 of 35	foul	6.7	18 of 35	specialreduced	-9.9			No	-	
62964	NEM3	2100	3.5986	Hyndland Station [Down Platform]	Platform	Platform Gauge	1.1	1658	45.3	1 of 27	reduced	28.7	27 of 27	foul	45.3	1 of 27	reduced	16.9			No	-	
66569	SMU2	1100	2.304	Ferrybridge Old Station [Bridge No.12]	Underbridge	Structure Gauging Train LaserFlex	1.2	2034	28.7	2 of 6	foul	28.7	2 of 6	foul	28.7	2 of 6	foul	-85.5			Vegetation	Yes	-
63343	WCM2	3605	102.21	Gasgow Central Station [Platform 5]	Platform	Platform Gauge	2.4	2396	78.1	0 of 29	normal	28.7	22 of 29	foul	49.1	1 of 29	reduced	24.8			Yes	-	
17886	CAN	3402	245.63	Carmarthen Station [Down Platform]	Platform	Platform Gauge	1.8	382	-28.6	3 of 27	foul	28.6	24 of 27	foul	-28.6	3 of 27	foul						

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Comments	23m Route?	OMNCOM	
67105	WEL2	3100	8.9636	Greenford Bay Station [Single Line Platform]	Platform	Platform Gauge	2.7	2410	88.4	0 of 17	normal	-27.1	17 of 17	tout	42.9	1 of 17	reduced	12.2				Yes	-	
75529	WJL1	1100	180.32	Runcorn Station [Up Platform]	Platform	Platform Gauge	4.1	2467	52.4	0 of 67	normal	-27.1	34 of 67	tout	44.1	3 of 67	reduced	23.2				Yes	-	
28863	CWJ1	1100	3.6511	Queens Park Station [Up Platform]	Platform	Platform Gauge	2.3	584	89.3	0 of 28	normal	-27.1	11 of 28	tout	43.4	1 of 28	reduced	12.7				No	-	
85252	GOU2	1100	107.96	Underbridge [Bridge No.71, Br.74 & Br.75]	Underbridge	Structure Gauging Train	11.5	911	63.9	1 of 120	tout	-27	1 of 120	tout	-27	1 of 120	tout	-41				Vegetation	No	-
4266	HBS	3606	30.819	Bridlington Station [Platform 6]	Platform	Platform Gauge	2.8	951	63.9	0 of 27	normal	-27.1	17 of 27	tout	33.2	3 of 27	reduced	7.4				Yes	-	
47953	MLN4	1100	313.44	Cambourne Station [Up Platform 2]	Platform	Platform Gauge	1.3	1539	111.7	0 of 36	normal	-26.9	27 of 36	tout	49	1 of 36	reduced	25.4				Yes	-	
117388	ALC1	1100	1.2085	Gravelly Hill Station [Up Platform]	Platform	Platform Gauge	0.8	9	106.2	0 of 36	normal	-26.8	30 of 36	tout	50.2	0 of 36	normal	27.5				Yes	-	
15988	BBM	1100	0.05	Bletchley Station [Up Platform 6]	Platform	Platform Gauge	0.6	110	107.3	0 of 15	normal	-26.8	8 of 15	tout	48.3	1 of 15	reduced	22.8				No	-	
95045	CAR	2100	8.1875	Cowdrey Station [Down Platform]	Platform	Platform Gauge	0.5	391	114.7	0 of 43	normal	-26.8	20 of 43	tout	49.9	1 of 43	reduced	26.8				Yes	-	
157678	MVL3	1100	8.0375	Ground Signal [8 Miles 3 Chains]	Signal	Structure Gauging Train LaserFlex	3.8	1588	107	0 of 1	normal	-26.8	1 of 1	tout	39.2	1 of 1	reduced	20.6				Yes	-	
68705	TTM	1100	54.886	Coarse Barn [Bridge No.116]	Overbridge	Structure Gauging Train LaserFlex	2	2249	-26.8	1 of 2	tout	-26.8	1 of 2	tout	-26.8	1 of 2	tout	-84.5				Vegetation	No	-
29452	CWV2	1100	3.025	Birkenhead Park Station [Up Platform]	Platform	Platform Gauge	3.1	604	112.2	0 of 14	normal	-26.7	9 of 14	tout	50.9	0 of 14	normal	28.4				No	-	
71693	TBH1	1100	34.316	Faygate Station [Platform 1]	Platform	Platform Gauge	1.8	2170	102.1	0 of 22	normal	-26.7	20 of 22	tout	49.6	1 of 22	reduced	26.3				No	-	
68903	THT	3100	23.588	Treherbert Station [Single Line Platform]	Platform	Platform Gauge	1.4	2199	104.2	0 of 15	normal	-26.7	15 of 15	tout	50.9	0 of 15	normal	28.4				No	-	
16251	BJW2	3606	6.3006	Walsall Station [Down Fast Platform 3]	Platform	Platform Gauge	4.1	206	82.3	1 of 37	tout	-26.6	34 of 37	tout	-11	7 of 37	tout	-20.7				Yes	-	
94372	CAR	1100	14.628	Henged Station [Up Platform]	Platform	Platform Gauge	0.5	387	80.7	0 of 25	normal	-26.6	25 of 25	tout	51.2	0 of 25	normal	29.5				Yes	-	
36127	HDR	2100	12.726	Penfold Lane [Bridge No.793]	Overbridge	Structure Gauging Train LaserFlex	1.5	973	-26.6	1 of 3	tout	-26.6	1 of 3	tout	-26.6	1 of 3	tout	-76.5				Vegetation	No	-
121894	CMP2	2100	182.9	Stockport Station [Down Fast Platform 3]	Platform	Platform Gauge	0.4	497	102.4	0 of 62	normal	-26.5	58 of 62	tout	52.7	0 of 62	normal	33.4				Yes	-	
55556	MIR1	2400	2.025	James Street Station [Platform 3]	Platform	Platform Gauge	1.2	1397	4	6 of 22	specialreduced	-26.5	22 of 22	tout	4	7 of 22	specialreduced	-10.5				No	-	
145818	NEC2	2100	52.187	Wing Wall [52 Miles 16 Chains]	Wall	Structure Gauging Train LaserFlex	3.8	1645	-26.5	2 of 2	tout	-26.5	2 of 2	tout	-26.5	2 of 2	tout	-70				Yes	Fixable Exception	
201496	WEY	1100	100.489	Retaining Wall [104 Miles 55 Chains]	Wall	Structure Gauging Train LaserFlex	1.6	2411	-26.5	2 of 9	tout	-26.5	2 of 9	tout	-26.5	2 of 9	tout	-79.8				Vegetation	Yes	-
62023	WJL3	1200	188.95	West Alerton Station [Platform 3]	Platform	Platform Gauge	3.6	2471	73.2	0 of 38	normal	-26.5	37 of 38	tout	52.5	0 of 38	normal	22.3				Yes	-	
12978	AN2	3400	0	Fornes Station [Bi-Directional Platform]	Platform	Platform Gauge	1.9	24	9	10 of 36	specialreduced	-26.5	34 of 36	tout	37.7	10 of 36	specialreduced	-8.2				Yes	-	
135939	FEL	3100	74.781	Derby Road Station [Down Platform 2]	Platform	Platform Gauge	1.8	858	97.2	0 of 30	normal	-26.4	22 of 30	tout	33.2	10 of 30	reduced	-13.8				Yes	-	
123443	LTN1	1100	29.664	Chelmsford Station [Up Platform 1]	Platform	Platform Gauge	1.1	1266	41	5 of 51	reduced	-26.4	45 of 51	tout	27.4	8 of 51	reduced	-0.9				No	-	
111807	LTN1	2152	9.1727	Goodmayes Station [Platform 4]	Platform	Platform Gauge	2	1313	116.1	0 of 32	normal	-26.4	29 of 32	tout	42.4	3 of 32	reduced	20.8				No	-	
9947	ECN5	2100	240.93	Aberdeen Station [Platform 7]	Platform	Platform Gauge	0.5	805	17.3	4 of 43	specialreduced	-26.3	34 of 43	tout	5.4	8 of 43	specialreduced	-18.9				Yes	-	
27509	HKS3	3700	18.322	Southport Station [Platform 3]	Platform	Platform Gauge	1.3	1074	51.1	0 of 29	normal	-26.3	29 of 29	tout	41.8	3 of 29	reduced	8.5				No	-	
51155	LN1	3200	22.325	Taplow Station [Up Relief Platform 4]	Platform	Platform Gauge	1.2	1433	82.3	0 of 39	normal	-26.3	39 of 39	tout	48.3	1 of 39	reduced	20.8				Yes	-	
10010	MLN1	2100	213.96	Newton Abbot Station [Down Main Platform 2]	Platform	Platform Gauge	0.7	1454	79.5	0 of 69	normal	-26.3	28 of 69	tout	39.2	1 of 69	reduced	11.9				Yes	-	
51940	PAR	3100	281.77	Par Station [Loop Platform 3]	Platform	Platform Gauge	9.2	1766	106.4	0 of 35	normal	-26.3	30 of 35	tout	47.6	1 of 35	reduced	17.6				Yes	-	
98805	PWS2	2100	35.282	Lower Halling Road & Footbridge [Bridge No.907 & 907A]	Overbridge	Structure Gauging Train LaserFlex	2.8	1806	-26.3	4 of 4	tout	-26.3	4 of 4	tout	-26.3	4 of 4	tout	-40.2				No	-	
94411	RBS2	2100	4.0182	Smethwick Galton Bridge Station [Down Platform 3]	Platform	Platform Gauge	3.9	1823	103.9	0 of 33	normal	-26.3	31 of 33	tout	52.1	0 of 33	normal	30.4				Yes	-	
21912	LJT1	3100	15.005	Draught Platform [15 Miles 3 Chains]	Platform	Structure Gauging Train LaserFlex	1	1220	16.9	5 of 39	specialreduced	-26.2	6 of 39	tout	16.9	5 of 39	specialreduced	0.4				Vegetation	No	-
50371	MLN1	2200	222.79	Tonnes Station [Down Loop Platform 1]	Platform	Platform Gauge	0.7	1465	111.5	0 of 39	normal	-26.2	18 of 39	tout	50.1	0 of 39	normal	28.7				Yes	-	
55363	NAJ2	2100	1.8477	West Ruislip Station [Down Platform]	Platform	Platform Gauge	3	1618	118.2	0 of 31	normal	-26.2	29 of 31	tout	44.2	1 of 31	reduced	22.6				Yes	-	
68614	THT	2100	15.005	Cwm George & Einr River [Bridge No.1500H]	Underbridge	Structure Gauging Train LaserFlex	1.8	2188	-26.2	5 of 14	tout	-26.2	5 of 14	tout	-26.2	5 of 14	tout	-75.4				Vegetation	No	-
123821	THT	3100	19.056	Lwynypia Station [Single Line Platform]	Platform	Platform Gauge	2.1	2196	96.7	0 of 14	normal	-26.2	13 of 14	tout	45	1 of 14	reduced	20.1				No	-	
96251	HDR	2100	28.436	Highnam Station [Down Platform 2]	Platform	Platform Gauge	0.7	977	116.2	0 of 72	normal	-26.1	59 of 72	tout	52.9	0 of 72	normal	33.4				No	-	
59646	RBS1	3802	112.8	Birmingham New Street [Platform 2]	Platform	Platform Gauge	2.9	1812	-26.1	8 of 67	tout	-26.1	53 of 67	tout	-26.1	8 of 67	tout	1.1				Yes	-	
46653	WAG1	2100	64.494	Hensall Station [Down Platform 2]	Platform	Platform Gauge	2	2353	122	0 of 13	normal	-26.1	6 of 13	tout	52.9	0 of 13	normal	31.1				Yes	-	
200740	WVL	2100	5.8006	Wall Fence [5 Miles 63 Chains]	Wall	Structure Gauging Train LaserFlex	1.5	2456	-26.1	1 of 6	tout	-26.1	1 of 6	tout	-26.1	1 of 6	tout	-60.3				Vegetation	Yes	-
115158	EGM1	2100	21.719	Falkirk High Station [Down Platform]	Platform	Platform Gauge	3.5	815	80.9	0 of 33	normal	-26	32 of 33	tout	50.9	0 of 33	normal	23.3				Yes	-	
51670	LECS	3211	157.89	Crewe Station [Platform 11]	Platform	Platform Gauge	2.7	1185	36.7	3 of 35	reduced	-26	23 of 35	tout	18	4 of 35	specialreduced	-8.9				Yes	-	
124097	RDG1	1200	7.0381	Barnes Station [Platform 1]	Platform	Platform Gauge	1.9	1852	85.1	0 of 10	normal	-26	10 of 10	tout	48.9	1 of 10	reduced	23.1				Yes	-	
186340	BR12	2300	100.68	Sign Equipment [100 Miles 54 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	3.4	305	123.9	0 of 1	normal	-25.9	1 of 1	tout	53.3	0 of 1	normal	35.4				Yes	-	
47464	LOO	3100	0.2375	Loose Station [Single Line Platform]	Platform	Platform Gauge	2	1253	64.8	0 of 10	normal	-25.9	10 of 10	tout	33.8	2 of 10	reduced	19.7				Yes	-	
10869	MA	3602	0	Manchester Airport Station [Down Platform 3]	Platform	Platform Gauge	1.6	1303	112.3	0 of 31	normal	-25.9	28 of 31	tout	50	0 of 31	normal	26				Yes	-	
123723	CGJ5	1201	21.55	Freston Station [Up Platform 6]	Platform	Platform Gauge	7.7	1469	109.8	0 of 27	normal	-25.8	17 of 27	tout	31	0 of 27	normal	34.9				Yes	-	
94098	HDR	3501	23.872	Gravesend Station [Up Loop Platform 2]	Platform	Platform																		

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Ftsp A (LSSG)			22.96m SVG Ftsp B (Specific)			20m SVG Ftsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
94059	BML1	3205	7.1659	Wimbleton Station [Up Slow Platform 5]	Platform	Platform Gauge	3	277	59.7	0 of 40	normal	24.2	29 of 40	foul	39.8	4 of 40	reduced	17.8			No	-	
100982	CBCT1	1100	44.975	Milton Station [Up Platform]	Platform	Platform Gauge	3.4	436	109.8	0 of 14	normal	24.2	6 of 14	foul	48.6	1 of 14	reduced	27.1			Yes	-	
99356	CTC	1100	3.7888	Shawlands Station [Up Platform]	Platform	Platform Gauge	3.8	571	77.9	0 of 33	normal	24.2	28 of 33	foul	45.2	2 of 33	reduced	23.1			No	-	
94141	MLN1	2200	22.413	Taplow Station [Down Relief Platform 3]	Platform	Platform Gauge	1.2	1462	71.7	0 of 38	normal	24.2	32 of 38	foul	43.9	10 of 38	reduced	15.3			Yes	-	
63340	WCM2	3607	102.22	Glasgow Central Station [Platform 7]	Platform	Platform Gauge	2.4	2397	8.2	4 of 25	specialreduced	24.2	22 of 25	foul	8.2	4 of 25	specialreduced	-12.3			Yes	-	
27936	BGK	2100	26.652	Sawbridgeworth Station [Down Platform 2]	Platform	Platform Gauge	1.1	180	123.2	0 of 50	normal	24.1	49 of 50	foul	52.1	0 of 50	normal	30.8			No	-	
84561	VTB3	3501	29.151	Three Bridges Station [Platform 1]	Platform	Platform Gauge	1.9	2342	77.6	0 of 56	normal	24.1	31 of 56	foul	42.3	2 of 56	reduced	15.6			No	-	
23460	CAM	3403	1.0438	Cardiff Queen Street Station [Single Line Relief Platform 3]	Platform	Platform Gauge	1.7	379	43.1	2 of 39	reduced	24	34 of 39	foul	43.1	2 of 39	reduced	30.2			Yes	-	
44227	LTJ1	3100	19.328	Pont-y-pant Station [Single Platform]	Platform	Platform Gauge	1.4	1230	57.4	0 of 20	normal	24	11 of 20	foul	30.4	1 of 20	reduced	10.9			No	-	
136058	NNH	1100	108.51	Neilton Station [Up Platform]	Platform	Platform Gauge	3.1	1728	71.5	0 of 29	normal	24	29 of 29	foul	36.4	4 of 29	reduced	11.4			No	-	
30811	DJP	3100	132.77	Pwllhel Station [Single Line Platform]	Platform	Platform Gauge	1.8	663	103.9	0 of 32	normal	23.9	24 of 32	foul	51.9	0 of 32	normal	24.1			Yes	-	
201805	VOG	1100	2.1114	Cutting [2 Miles 38 Chains]	Wall	Structure Gauging Train LaserFlex	1.7	2287	23.9	1 of 126	foul	23.9	1 of 126	foul	23.9	1 of 126	foul	-7.9			Vegetation	Yes	-
115241	ECM1	1500	20.253	Welwyn Garden City Station [Platform 1]	Platform	Platform Gauge	1.1	704	54.3	0 of 38	normal	23.8	34 of 38	foul	27	3 of 38	reduced	2.2			No	-	
26611	KJE1	2100	49.857	Lewes Station [Platform 1]	Platform	Platform Gauge	0.6	1103	10.6	14 of 51	specialreduced	23.8	33 of 51	foul	10.6	14 of 51	specialreduced	-5.8			No	-	
76317	WSJ2	1100	197.02	Ruabon Station [Up Main Platform]	Platform	Platform Gauge	1.5	2530	65.3	0 of 35	normal	23.8	17 of 35	foul	51.4	0 of 35	normal	26.8			Yes	-	
54320	SMU2	1100	4.3597	Pontefract Baghill Station [Up Platform]	Platform	Platform Gauge	2	2035	22.2	10 of 43	specialreduced	23.7	42 of 43	foul	13.8	12 of 43	specialreduced	-18.8			Yes	-	
118823	STY	1100	0.1557	Wilmslow Station [Up Platform 2]	Platform	Platform Gauge	1.3	2090	113.3	0 of 60	normal	23.6	38 of 60	foul	54.5	0 of 60	normal	35.3			Yes	-	
106031	TSB	2100	6.7	Earlewood Station [Down Platform]	Platform	Platform Gauge	0.7	2232	81.6	0 of 33	normal	23.6	31 of 33	foul	51.6	0 of 33	normal	32			Yes	-	
4339	WJL4	1100	192.2	Edge Hill Station [Platform 3]	Platform	Platform Gauge	3.6	2474	23.6	5 of 47	foul	23.6	14 of 47	foul	23.6	5 of 47	foul	-9.4			Yes	-	
66411	ARG2	2100	3.9977	Scottish Exhibition Centre Station [Down Platform]	Platform	Platform Gauge	2.9	31	14.9	4 of 30	specialreduced	23.5	25 of 30	foul	14.9	7 of 30	specialreduced	8.8			No	-	
137995	BGK	2100	17.156	Broxbourne Station [Down Platform 3]	Platform	Platform Gauge	3.4	178	123	0 of 10	normal	23.5	10 of 10	foul	52	0 of 10	normal	30.4			No	-	
115855	BTL	2100	7.8886	Lewes Station [Down Platform 3]	Platform	Platform Gauge	0.6	355	48.7	1 of 33	reduced	23.5	7 of 33	foul	42.5	1 of 33	reduced	11.8			No	-	
124314	CWK1	2100	1.7591	Burrowing Jn Tunnel [Down Line]	Tunnel	Laser Gauging Vehicle	1	603	23.5	39 of 106	foul	23.5	39 of 106	foul	23.5	39 of 106	foul	-38.8			No	-	
62619	NEM5	1100	8.0625	Drumry Station [Up Platform]	Platform	Platform Gauge	2.6	1659	102.6	0 of 32	normal	23.5	32 of 32	foul	55.3	0 of 32	normal	30.7			No	-	
54903	YKR	1100	2.6636	Yoker Station [Up Platform]	Platform	Platform Gauge	2.8	2598	80.6	0 of 33	normal	23.5	32 of 33	foul	44.1	5 of 33	reduced	16.3			No	-	
206769	CWJ	1100	4.7477	Retaining Wall [4 Miles 62 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	587	23.4	1 of 14	foul	23.4	1 of 14	foul	23.4	1 of 14	foul	-80.9			Vegetation	No	-
53789	SCM3	3608	118.22	Strling Station [Platform 8]	Platform	Platform Gauge	1.2	1945	125.1	0 of 12	normal	23.4	11 of 12	foul	56.5	0 of 12	normal	34.7			Yes	-	
75012	WSA	3400	0.1875	Watford Junction Station [Single Line Platform 11]	Platform	Platform Gauge	3.4	2526	108.3	0 of 10	normal	23.4	10 of 10	foul	39.1	3 of 10	reduced	-16.9			No	-	
9972	AYR3	1100	15.631	Lochwinnoch Station [Up Platform]	Platform	Platform Gauge	5.1	52	51.7	0 of 27	normal	23.3	21 of 27	foul	51.7	0 of 27	normal	31.5			No	-	
5737	DSN3	1100	23.695	Redcar East Station [Up Main Platform]	Platform	Platform Gauge	0.8	679	22.4	5 of 10	foul	23.3	7 of 10	foul	22.4	5 of 10	foul	-17.3			Yes	Not Reviewed	
118805	ECM1	3601	76.238	Peterborough Station [Platform 1]	Platform	Platform Gauge	2.7	718	86.2	0 of 21	normal	23.3	18 of 21	foul	44.5	1 of 21	reduced	13.4			Yes	-	
115542	ECM7	1100	16.55	Morpeth Station [Up Platform 1]	Platform	Platform Gauge	2.1	754	74.2	0 of 48	normal	23.3	11 of 48	foul	43.4	2 of 48	reduced	22.5			Yes	-	
106858	MDT	1100	3.742	Recrey Road Station [Up Platform 1]	Platform	Platform Gauge	2.7	984	93.2	0 of 19	normal	23.3	19 of 19	foul	38.2	3 of 19	reduced	-15.6			No	-	
121669	LEC1	1200	22.996	Aspley Station [Up Slow Platform 4]	Platform	Platform Gauge	3.7	1154	88.9	0 of 65	normal	23.3	65 of 65	foul	54.6	0 of 65	normal	31.8			Yes	-	
132282	HYE2	1100	17.139	Blackfoot Station [Up Platform]	Platform	Platform Gauge	0.9	1580	121.9	0 of 35	normal	23.3	4 of 35	foul	50.8	0 of 35	normal	30.7			Yes	-	
58504	DBP3	3100	34.621	Water Oron Station [Down & Up Fast Platform]	Platform	Platform Gauge	0.5	628	86.5	0 of 32	normal	23.2	24 of 32	foul	49.8	1 of 32	reduced	20.7			Yes	-	
26294	LCH	2100	9.4455	New Beckenham Station [Down Platform 2]	Platform	Platform Gauge	3.1	1145	98.5	0 of 51	normal	23.2	34 of 51	foul	51.6	0 of 51	normal	25.4			No	-	
10063	BEA	3400	53.463	Alvechurch Station [Single Platform]	Platform	Platform Gauge	0.6	134	66.3	1 of 33	reduced	23.1	30 of 33	foul	26.9	3 of 33	specialreduced	-33.5			Yes	-	
530	CGJ7	3600	68.961	Carlisle Station [Bay Platform 6]	Platform	Platform Gauge	0.5	482	22.1	6 of 35	foul	23.1	13 of 35	foul	22.1	6 of 35	foul	-10.1			Yes	-	
120716	BML1	2200	71.061	Sign [71 Miles 4 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2	271	126.6	0 of 1	normal	23	1 of 1	foul	52.5	0 of 1	normal	30.4			Yes	-	
46708	MLA	3400	0.8318	Anniesland Station [Bay Platform]	Platform	Platform Gauge	2.9	1405	111.4	0 of 27	normal	23	27 of 27	foul	52.4	0 of 27	normal	30.3			Yes	-	
106827	SEJ2	2100	43.286	Queensborough Station [Platform 2]	Platform	Platform Gauge	1.8	1988	112.1	0 of 18	normal	23	10 of 18	foul	44.2	1 of 18	reduced	20.6			No	-	
99087	WPH1	3101	42.91	Halsmere Station [Platform 2]	Platform	Platform Gauge	2.7	2510	75.9	0 of 60	normal	22.9	38 of 60	foul	39.4	1 of 60	reduced	8.3			Yes	-	
41629	BSW	1100	0.9631	Lawrence Hill [Bridge No.078H]	Overbridge	Structure Gauging Train LaserFlex	1.9	320	22.8	1 of 5	foul	22.8	1 of 5	foul	22.8	1 of 5	foul	-77			Vegetation	Yes	-
98939	DCL	2200	86.123	Banbury Station [Down Relief Platform 1]	Platform	Platform Gauge	3.6	642	62.7	0 of 59	normal	22.8	50 of 59	foul	38.7	4 of 59	reduced	10.1			Yes	-	
103092	SUS	2100	26.39	Crawshaws A [Bridge No.551]	Overbridge	Structure Gauging Train LaserFlex	1.5	1748	22.8	1 of 2	foul	22.8	1 of 2	foul	22.8	1 of 2	foul	-53.6			Vegetation	No	-
146567	SAA	3610	0.0966	Strling Station [Platform 10]	Platform	Platform Gauge	6.5	1901	53.7	0 of 55	normal	22.8	55 of 55	foul	38.4	3 of 55	reduced	13.1			Yes	-	
10118	SJQ2	3600	12.088	Ormskirk Station [Single Platform]	Platform	Platform Gauge	2.9	208	99.9	0 of 28	normal	22.8	22 of 28	foul	53.8	0 of 28	normal	31.4			Yes	-	
6820	TJC3	1100	200.08	New Lathes [Bridge No.30]	Overbridge	Pole And Tape	3.6	2208	20.8	4 of 2	foul	22.8	4 of 4	foul	22.8	4 of 4	foul	-71.6			Yes	-	
47976	MLN4	1100	319.34	Hayle Station [Up Platform 2]	Platform	Platform Gauge	3.4	1540	96.1	0 of 22	normal	22.7	8 of 22	foul	54.9	0 of 22	normal	32.6			Yes	-	
99161	AYR3	2100	22.452	Dairy Station [Down Platform																			

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Fsp A			22.96m SVG Fsp A (LSSG)			22.96m SVG Fsp B (Specific)			20m SVG Fsp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
101617	LTN1	2152	7.4443	Retaining Wall [7 Miles 35 Chains]	Wall	Structure Gauging Train LaserFlex	2.1	1310	-21.4	1 of 8	foul	-21.4	1 of 8	foul	-21.4	1 of 8	foul	-80.7			Vegetation	No	-
54829	PAA2	3601	49.05	Alton Station [Platform 1]	Platform	Platform Gauge	1.8	1763	91.5	0 of 38	normal	-21.4	30 of 38	foul	54.3	0 of 38	normal	53.3	0 of 25	normal	21	-	-
121046	TTA1	2100	178.3	Romley Station [Down Platform]	Platform	Platform Gauge	2.4	2245	105	0 of 25	normal	-21.4	8 of 25	foul	53.3	0 of 25	normal	53.3	0 of 25	normal	24	-	-
103520	WJB	1100	27.705	Cooden Lane [Bridge No.209]	Underbridge	Structure Gauging Train LaserFlex	2	2463	90	1 of 7	reduced	-21.4	1 of 7	foul	45	1 of 7	specialreduced	-13			Vegetation	No	-
5776	WNS	1100	3.9807	Hinckley Station [Up Platform 1]	Platform	Platform Gauge	2	2490	92.9	0 of 26	normal	-21.4	22 of 26	foul	50.3	0 of 26	normal	50.3	0 of 26	normal	21	-	-
722	BNG	3602	10.449	Bromley North Station [Down Platform 2]	Platform	Platform Gauge	1.7	296	52.2	0 of 23	normal	-21.3	20 of 23	foul	31.4	4 of 23	reduced	8.2			No	-	-
22255	BTH1	2100	2.5028	Culmore Road [Bridge No.1177]	Underbridge	Structure Gauging Train LaserFlex	2.1	329	-21.3	1 of 6	foul	-21.3	1 of 6	foul	-21.3	1 of 6	foul	-69			Vegetation	No	-
104741	CNH3	1100	237.32	Landegai [237 Miles 27 Chains]	Tunnel	Structure Gauging Train LaserFlex	1	523	-21.3	10 of 94	foul	-21.3	10 of 94	foul	-21.3	10 of 94	foul	-73.6			No	-	Fixable Exception
91736	HGL2	3400	13.155	Retaining Walls [13 Miles 13 Chains]	Wall	Structure Gauging Train LaserFlex	2.6	1008	-21.3	2 of 3	foul	-21.3	2 of 3	foul	-21.3	2 of 3	foul	-59.6			Vegetation	Yes	-
115953	LBW	3608	0	London Bridge Station [Platform 6]	Platform	Platform Gauge	2.2	1137	98	0 of 37	normal	-21.3	34 of 37	foul	57.9	0 of 37	normal	36.2			No	-	-
44376	LTN1	1152	8.5057	Seven Kings Station [Up Electric Platform 3]	Platform	Platform Gauge	2.5	1283	64.1	0 of 31	normal	-21.3	30 of 31	foul	54.7	0 of 31	normal	34.7			No	-	-
86250	WEY	3402	109.74	Westbury Station [Down Platform 2]	Platform	Platform Gauge	3.4	2430	106.6	0 of 49	normal	-21.3	13 of 49	foul	53.5	0 of 49	normal	26.4			Yes	-	-
27251	HXS3	1100	7.1267	Hall Road Station [Up Platform]	Platform	Platform Gauge	2.5	1065	73.5	0 of 32	normal	-21.2	31 of 32	foul	44.3	2 of 32	reduced	14			No	-	-
48563	MPR2	2100	4.5313	Hollinwood Station (clo 2009) [Down Platform]	Platform	Platform Gauge	4.7	1564	91.6	0 of 27	normal	-21.2	5 of 27	foul	51.3	0 of 27	normal	25.3			Yes	-	-
59676	RBS2	1100	5.2375	Sandwell And Dudley Station [Up Platform 2]	Platform	Platform Gauge	3.9	1821	86.8	0 of 57	normal	-21.2	33 of 57	foul	57.6	0 of 57	normal	29.6			Yes	-	-
32363	DSE	1100	5.8426	Huyton Station [Up Platform]	Platform	Platform Gauge	2.8	674	-10	8 of 26	foul	-21.1	17 of 26	foul	-10	8 of 26	foul	-20.7			Yes	-	-
133656	MPR3	2100	7.4165	Ocham Mumps Station (clo 2009) [Down Platform]	Platform	Platform Gauge	4.6	1567	47.7	1 of 42	reduced	-21.1	5 of 42	reduced	47.7	1 of 42	reduced	34.6			#DIV/0!	-	-
100978	SAC	1100	247.21	Ribblehead Station [Up Platform]	Platform	Platform Gauge	2.1	1903	117.9	0 of 13	normal	-21.1	11 of 13	foul	55.6	0 of 13	normal	33.6			Yes	-	-
64261	SHL	1100	39.745	Brierley Brook [Bridge No.3960Q]	Underbridge	Structure Gauging Train LaserFlex	1.6	2008	-21.1	2 of 3	foul	-21.1	2 of 3	foul	-21.1	2 of 3	foul	-78.9			Vegetation	Yes	-
99034	SWM2	1100	129.85	Gatcombe [Bridge No.12968]	Underbridge	Structure Gauging Train LaserFlex	1.8	2123	-21.1	1 of 5	foul	-21.1	1 of 5	foul	-21.1	1 of 5	foul	-79			Vegetation	Yes	-
134830	BM1	1100	11.963	Surliton Station [Up Platform 2]	Platform	Platform Gauge	3.4	229	112.9	0 of 25	normal	-21	21 of 25	foul	54.5	0 of 25	normal	30.9			No	-	-
49799	BTH1	1100	7.5358	Stratham Station [Up Platform 2]	Platform	Platform Gauge	16.4	326	93.9	0 of 26	normal	-21	10 of 26	foul	54.7	0 of 26	normal	30.5			No	-	-
4338	LVS	3611	0.0244	Liverpool Street Station [Platform 11]	Platform	Platform Gauge	1.8	1342	87.5	0 of 41	normal	-21	40 of 41	foul	54.4	0 of 41	normal	29.2			#DIV/0!	-	-
68305	ALC1	2100	3.6205	Wyke Green Station [Down Platform]	Platform	Platform Gauge	0.8	15	115.2	0 of 34	normal	-20.9	31 of 34	foul	55.1	0 of 34	normal	30.8			Yes	-	-
79273	ECM4	3606	188.35	York Station [Platform 6]	Platform	Platform Gauge	3.5	735	-20.9	15 of 55	foul	-20.9	17 of 55	foul	20.9	15 of 55	foul	-2.1			Yes	-	-
37761	HGG1	3602	29.996	East Grinstead Station [Platform 1]	Platform	Platform Gauge	10.8	1000	124.6	0 of 38	normal	-20.9	33 of 38	foul	50.4	0 of 38	normal	29			No	-	-
70660	WBS1	1100	5.0142	Swinton Station [Up Platform]	Platform	Platform Gauge	4.7	2364	37.5	1 of 15	reduced	-20.9	2 of 15	foul	19.6	1 of 15	specialreduced	-10.8			Yes	-	Not Reviewed
27505	WSJ2	2100	154.28	Shifnal Station [Down Platform]	Platform	Platform Gauge	3.4	2538	82.4	0 of 22	normal	-20.9	16 of 22	foul	49.1	1 of 22	reduced	20.4			Yes	-	-
115787	PLD	2200	8.8972	Grove Park Station [Platform 5]	Platform	Platform Gauge	1.8	258	75.2	0 of 54	normal	-20.9	30 of 54	foul	40.3	1 of 54	reduced	11.8			No	-	-
94581	CTC	1100	2.125	Catcath Station [Up Platform]	Platform	Platform Gauge	1.3	569	22.2	3 of 32	specialreduced	-20.8	25 of 32	foul	42.1	3 of 32	specialreduced	-3.6			No	-	-
109420	ENT	2100	10.526	Enfield Town Station [Platform 1]	Platform	Platform Gauge	4.6	842	96.2	0 of 15	normal	-20.8	7 of 15	foul	51	0 of 15	normal	20.4			No	-	-
106820	RDG1	1100	14.798	Feltham Station [Platform 1]	Platform	Platform Gauge	1.3	1840	118.2	0 of 19	normal	-20.8	19 of 19	foul	37.1	1 of 19	reduced	10.2			Yes	-	-
62588	SWM2	2100	113.84	Gloucester Station [Down Main Platform 1 & 2]	Platform	Platform Gauge	1.1	2140	23	2 of 127	specialreduced	-20.8	77 of 127	foul	23	2 of 127	specialreduced	27			Yes	-	-
23478	CAM	1100	5.3841	Radry Station [Up Platform 3]	Platform	Platform Gauge	3.7	362	118.6	0 of 27	normal	-20.7	9 of 27	foul	56.2	0 of 27	normal	33.2			No	-	-
80656	CNE3	3400	161.71	Rock Face [161 Miles 57 Chains]	Wall	Structure Gauging Train LaserFlex	1.1	508	20.3	1 of 15	specialreduced	-20.7	1 of 15	foul	20.3	1 of 15	specialreduced	-21.1			Vegetation	No	-
186326	DBP3	1300	40.507	Sign Equipment [40 Miles 40 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	3.5	627	114.4	0 of 1	normal	-20.7	1 of 1	foul	31.1	1 of 1	reduced	-0.1			Yes	-	-
94121	MLN1	2200	7.3045	Hanwell Station [Down Relief Platform 2]	Platform	Platform Gauge	0.6	1457	58.6	0 of 30	normal	-20.7	29 of 30	foul	31.3	2 of 30	reduced	1.7			Yes	-	-
4127	ARH	3400	31.348	Arddrossan Harbour Station [Single Platform]	Platform	Platform Gauge	0.6	32	90.2	0 of 21	normal	-20.6	17 of 21	foul	53.9	0 of 21	normal	23.6			No	-	-
109213	EGM4	3613	0.0063	Edinburgh Waverley Station [Platform 13]	Platform	Platform Gauge	4.6	820	54.1	0 of 33	normal	-20.6	33 of 33	foul	54.1	0 of 33	normal	34.2			Yes	-	-
117440	MLN3	1100	261.71	Menherston Station [Up Platform 2]	Platform	Platform Gauge	7.1	1511	106	0 of 32	normal	-20.6	12 of 32	foul	56.3	0 of 32	normal	34.7			Yes	-	-
52250	MLN3	2100	300.12	Turoo Viaduct [Bridge No.30007]	Viaduct	Structure Gauging Train LaserFlex	1.7	1535	71	1 of 78	reduced	-20.6	1 of 78	foul	45.7	1 of 78	reduced	20.7			Vegetation	Yes	-
115227	MLN2	1100	23.143	Wessell Hall Tunnel [23 Miles 11 Chains]	Tunnel	Structure Gauging Train LaserFlex	4	1893	20.6	10 of 24	reduced	-20.6	10 of 24	foul	20.6	10 of 24	reduced	-72.6			Yes	-	-
159781	BM1	1100	19.038	Telephone [19 Miles 2 Chains]	S&T	Structure Gauging Train LaserFlex	2	531	77.1	1 of 1	reduced	-20.5	1 of 1	foul	28.8	1 of 1	specialreduced	-30.2			Yes	-	-
34105	FSS2	1100	11.253	Dagenham East Station [Up Platform (Disused)]	Platform	Platform Gauge	0.5	893	123.5	0 of 17	normal	-20.5	7 of 17	foul	58	0 of 17	normal	35.6			No	-	-
65789	MAH	3600	68.619	Harwich International Station [Down Platform 1]	Platform	Platform Gauge	1.2	1360	44.6	1 of 52	reduced	-20.5	37 of 52	foul	44.6	2 of 52	reduced	14.6			No	-	-
57519	SC21	2100	4.854	Retaining Wall [04m 6c]	Wall	Laser Gauging Vehicle	1.5	1956	20.5	1 of 42	foul	-20.5	1 of 42	foul	-20.5	1 of 42	foul	-77.8			Vegetation	No	-
101247	SHL	1100	39.729	River Arrow [Bridge No.3959]	Underbridge	Structure Gauging Train LaserFlex	1.6	2007	20.5	2 of 5	foul	-20.5	2 of 5	foul	20.5	2 of 5	foul	-78.5			Vegetation	Yes	-
135777	HXS3	2100	9.0625	Highdown Station [Down Platform]	Platform	Platform Gauge	0.4	1071	123.2	0 of 34	normal	-20.4	25 of 34	foul	48.7	2 of 34	reduced	13.8			No	-	-
106126	LTN1	2100	8.5051	Seven Kings Station [Down Main Platform 2]	Platform	Platform Gauge	1.8	1296	125.3	0 of 27	normal												

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fstp A (LSSG)			22.96m SVG Fstp B (Specific)			20m SVG Fstp B		Comments	23m Route?	OMNICO
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio			
56636	NBS	2100	0.0364	Stone Station [Down Platform]	Platform	Platform Gauge	1.9	1627	77.3	0 of 25	normal	-19.2	16 of 25	foul	44.5	2 of 25	reduced	21.7			Yes	-
102456	SPD3	3505	82.478	Lincoln Central Station [Down Loop Platform 5]	Platform	Platform Gauge	2.9	2071	-1.9	9 of 36	foul	-19.2	29 of 36	foul	-1.9	9 of 36	foul	-7.4			Yes	-
115010	BEX	1100	6.846	Blackheath Station [Up Platform 1]	Platform	Platform Gauge	1.7	144	107.9	0 of 53	normal	-19.1	24 of 53	foul	56.2	0 of 53	normal	30.4			No	-
19883	CAT	1100	5.8989	Nunhead Station [Up Platform 1]	Platform	Platform Gauge	1.9	401	129.1	0 of 17	normal	-19.1	12 of 17	foul	52.5	0 of 17	normal	22.5			No	-
3710	FSS2	3600	35.552	Southend Central Station [Platform 4]	Platform	Platform Gauge	5	901	62.1	0 of 17	normal	-19.1	17 of 17	foul	39.1	1 of 17	reduced	15.9			No	-
2542	LTN1	2100	94.875	Diss Station [Down Platform 2]	Platform	Platform Gauge	1	1304	131	0 of 26	normal	-19.1	22 of 26	foul	62.1	0 of 26	normal	40.4			No	-
118824	STY	1100	1.9341	Slyal Station [Up Platform]	Platform	Platform Gauge	0.7	2091	106.9	0 of 37	normal	-19.1	34 of 37	foul	61.3	0 of 37	normal	42.4			Yes	-
68610	THT	2100	14.858	Trehafod Station [Down Platform]	Platform	Platform Gauge	2.3	2187	10.2	2 of 29	specialreduced	-19.1	14 of 29	foul	10.2	4 of 29	specialreduced	-13.4			No	-
46452	WHL	2500	64.413	Rannoch Station [Down Platform]	Platform	Platform Gauge	4.4	2443	73.2	0 of 24	normal	-19.1	18 of 24	foul	59.9	0 of 24	normal	38.7			Yes	-
100510	WSJ2	2100	201.7	Wrexham General Station [Down Platform 2]	Platform	Platform Gauge	1.9	2543	91.8	0 of 39	normal	-19.1	38 of 39	foul	50.3	0 of 39	normal	21.4			Yes	-
46142	MLN4	2100	320.91	St Erth Station [Down Platform 1]	Platform	Platform Gauge	1.2	1552	108.4	0 of 37	normal	-19	33 of 37	foul	53.1	0 of 37	normal	33.4			Yes	-
99917	CNH3	2100	223.42	Landudno Junction Station [Platform 4]	Platform	Platform Gauge	1.5	525	87.1	0 of 45	normal	-18.9	38 of 45	foul	58	0 of 45	normal	37.5			Yes	-
212904	GOJ	2100	0.2256	Sign Equipment [0 Miles 18 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.1	909	97.1	0 of 1	normal	-18.9	1 of 1	foul	60.3	0 of 1	normal	Normal			Yes	-
56574	SGN	1100	2.3676	Duke Street Station [Platform 2]	Platform	Platform Gauge	2.8	1990	94.6	0 of 32	normal	-18.8	31 of 32	foul	59.4	0 of 32	normal	42.9			Yes	-
94362	YKR	2100	0.0841	Jordanhill Station [Down Platform]	Platform	Platform Gauge	2.8	2600	23.8	14 of 29	specialreduced	-18.8	29 of 29	foul	23.8	14 of 29	specialreduced	-14.3			No	-
81911	AYR4	1100	29.366	Montgomery Street [Bridge No.23]	Underbridge	Pole And Tape	4.4	59	128.2	0 of 4	normal	-18.7	4 of 4	foul	64.7	0 of 4	normal	43			No	-
105929	MLN1	3409	118.27	Bristol Temple Meads Station [Platforms 9 And 10]	Platform	Platform Gauge	1.5	1478	67	0 of 44	normal	-18.7	10 of 44	foul	41.7	1 of 44	reduced	23.8			Yes	-
92990	SCM3	2100	94.658	Buchanan Street [Bridge No.95]	Underbridge	Structure Gauging Train LaserFlex	2.5	1940	97	0 of 5	normal	-18.7	1 of 5	foul	58.8	0 of 5	normal	35.6			No	-
112789	SCM5	2100	20.77	Perth [Down Platform 2]	Platform	Platform Gauge	2	1950	6.2	3 of 18	specialreduced	-18.7	13 of 18	foul	6.2	3 of 18	specialreduced	23.1			Yes	-
48269	MPC	2100	13.219	Moor Lane [Bridge No.11]	Underbridge	Structure Gauging Train LaserFlex	2	1559	43	1 of 6	specialreduced	-18.6	1 of 6	foul	27.8	1 of 6	specialreduced	-18.5		Vegetation	No	-
4623	WJL4	3602	193.53	Liverpool Lime Street Station [Platform 2]	Platform	Platform Gauge	7.7	2479	55.1	0 of 36	normal	-18.6	26 of 36	foul	48.9	2 of 36	reduced	23.6			Yes	-
13091	MLN1	3607	0.0625	Paddington Station [Platform 7]	Platform	Platform Gauge	1	1489	79.3	1 of 72	reduced	-18.6	24 of 72	foul	28.8	7 of 72	reduced	-29.2			Yes	-
62631	NEM5	2100	9.0301	Singer Station [Down Platform]	Platform	Platform Gauge	4.7	1661	114.5	0 of 21	normal	-18.5	21 of 21	foul	38.9	3 of 21	reduced	-17.3			No	-
30987	STY	2100	0.1244	Wilmslow Station [Down Platform 1]	Platform	Platform Gauge	1.3	2094	72.6	0 of 92	normal	-18.5	23 of 92	foul	56	0 of 92	normal	26.2			Yes	-
100535	XTD	1200	0.6597	Waterloo East Station [Platform B]	Platform	Platform Gauge	1.8	2574	25.7	12 of 52	reduced	-18.5	26 of 52	foul	25.7	12 of 52	reduced	-8.6			No	-
154323	BML1	1100	3.6597	Ground Signal [3 Miles 53 Chains]	Signal	Structure Gauging Train LaserFlex	2.8	227	86.2	0 of 1	normal	-18.4	1 of 1	foul	49.6	1 of 1	reduced	18.4			Yes	-
187418	BML1	1200	48.043	Speed Board [48 Miles 3 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2	243	91.6	0 of 1	normal	-18.4	1 of 1	foul	58.4	0 of 1	normal	27.7			Yes	-
45727	CAW	2100	8.754	Victoria Road [Bridge No.15]	Underbridge	Structure Gauging Train LaserFlex	1	429	-18.4	1 of 6	foul	-18.4	1 of 6	foul	-18.4	1 of 6	foul	-71.5		Vegetation	Yes	-
53151	COJ5	3300	21.563	Preston Station [Up & Down Goods Platform]	Platform	Platform Gauge	7.7	471	122.4	0 of 20	normal	-18.4	8 of 20	foul	53.6	0 of 20	normal	22.6			Yes	-
9560	ECM1	3608	156	Doncaster Station [Platform 6 Down Bay]	Platform	Platform Gauge	3.8	726	105.4	0 of 14	normal	-18.4	14 of 14	foul	60.2	0 of 14	normal	37.8			Yes	-
101186	WCM1	3200	73.519	Carstairs Station [Platform 1]	Platform	Platform Gauge	1.7	2387	112.2	0 of 55	normal	-18.4	41 of 55	foul	60.5	0 of 55	normal	38.3			Yes	-
44438	BLU1	2100	2.8693	Portside Station [Down Platform 2]	Platform	Platform Gauge	0.5	213	129	0 of 35	normal	-18.3	22 of 35	foul	62	0 of 35	normal	40.9			Yes	-
243914	DBP1	1900	0.5511	Rams Halt [Station]	Platform	Platform Gauge	0.9	624	92.3	0 of 56	normal	-18.3	34 of 56	foul	60.1	0 of 56	normal	39.2			Yes	-
94100	LEC1	3603	0	Euston Station [Platform 3]	Platform	Platform Gauge	1.4	1160	88.3	0 of 81	normal	-18.3	21 of 81	foul	48.9	1 of 81	reduced	33			Yes	-
133981	MBN2	1100	8.8114	Castleton Station [Up Platform]	Platform	Platform Gauge	0.8	1598	96.9	0 of 36	normal	-18.3	10 of 36	foul	51.8	0 of 36	normal	31.3			Yes	-
109417	NEM7	3603	24.234	Helensburgh Central Station [Platform 2]	Platform	Platform Gauge	2.1	1666	12.7	3 of 41	specialreduced	-18.3	39 of 41	foul	12.7	4 of 41	specialreduced	-15.7			No	-
101229	NNH	1100	102.86	Williamwood Station [Up Platform]	Platform	Platform Gauge	3.2	1725	84.8	0 of 32	normal	-18.3	12 of 32	foul	56.3	0 of 32	normal	28.5			No	-
68093	VTB2	2100	11.202	South Croydon Station [Platform 2]	Platform	Platform Gauge	3.5	2325	69.5	0 of 36	normal	-18.3	14 of 36	foul	41.5	2 of 36	reduced	10.3			No	-
76850	BML2	3104	79.145	Southampton Station [Down Platform 4]	Platform	Platform Gauge	3.2	289	130	0 of 57	normal	-18.2	41 of 57	foul	62.6	0 of 57	normal	44.3			Yes	-
118556	CNX	3100	3.275	Redland Station [Single Line Platform]	Platform	Platform Gauge	1.4	542	113.8	0 of 25	normal	-18.1	17 of 25	foul	48.4	1 of 25	reduced	24.4			Yes	-
59189	FSS3	2100	39.338	Shoeburyness Station [Down Platform 1]	Platform	Platform Gauge	5.7	903	128.8	0 of 14	normal	-18.1	9 of 14	foul	57.7	0 of 14	normal	36.2			No	-
111471	LBW	3611	0	London Bridge Station [Platform 1]	Platform	Platform Gauge	1.6	138	85	0 of 50	normal	-18.1	41 of 50	foul	70.9	0 of 50	normal	45.6			Yes	-
122740	RDG1	1200	3.8534	Clapham Junction Station [Platform 3]	Platform	Platform Gauge	4.2	1845	82.3	0 of 44	normal	-18.1	36 of 44	foul	60.2	0 of 44	normal	38.1			Yes	-
104959	SWM2	1402	170.28	Cardiff Central Station [Up Relief Platform 2]	Platform	Platform Gauge	3.8	2137	56.3	0 of 36	normal	-18.1	36 of 36	foul	38	1 of 36	reduced	12.4			Yes	-
43196	ECM1	3604	0.0125	Kings Cross Station [Platform 4]	Platform	Platform Gauge	1.1	723	117.6	0 of 59	normal	-18	51 of 59	foul	52.1	0 of 59	normal	31.7			No	-
13057	MLN1	2902	193.79	Exeter St Davids Station [Bay Platform 2]	Platform	Platform Gauge	2.1	1472	103	0 of 21	normal	-18	16 of 21	foul	57.3	0 of 21	normal	34.5			Yes	-
24988	THH	2100	60.675	West St Leonards Station [Platform 2]	Platform	Platform Gauge	1.4	2253	27.8	3 of 43	reduced	-18	25 of 43	foul	27.8	6 of 43	reduced	18.2			No	-
115297	BML1	2100	47.899	Basingstoke Station [Down Platform 2]	Platform	Platform Gauge	2.3	143	71.6	0 of 16	normal	-17.9	11 of 16	foul	45.3	1 of 16	reduced	15.9			Yes	-
28218	LGS1	2100	28.244	Stevenston Station [Down Platform]	Platform	Platform Gauge	0.6	1213	120.4	0 of 16	normal	-17.9	16 of 16	foul	59.6	0 of 16	normal	36			No	-
125831	TJC3	2100	208.79	Bingley Station [Down Platform]	Platform	Platform Gauge	2	2216	64.2	0 of 21	normal	-17.9	15 of 21	foul	43.2	1 of 21	reduced	12.1			Yes	-
134321	TSB	2100	5.7136	Wythall Station [Down Platform]	Platform	Platform Gauge	0.7	2231	89.5	0 of 27	normal	-17.9</										

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Ftp A (LSSG)			22.96m SVG Ftp B (Specific)			20m SVG Ftp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
56552	STR4	1902	53.875	Stranraer Station [Platform 2]	Platform	Platform Gauge	0.4	2085	86.3	0 of 28	normal	-16.6	25 of 28	foul	60.6	0 of 28	normal	30.7			Yes	-	
133920	COL	1100	189.67	Deansgate Station [Up Platform]	Platform	Platform Gauge	1.8	549	90.7	0 of 33	normal	-16.5	33 of 33	foul	51.3	0 of 33	normal	30.1			Yes	-	
157679	MV/L3	1100	8.025	Telephone [8 Miles 2 Chains]	S&T	Structure Gauging Train LaserFlex	3.8	1587	131.4	0 of 1	normal	-16.5	1 of 1	foul	53.4	0 of 1	normal	16			Yes	-	
106615	PTH	3100	0.6767	Dingle Road Station [Single Line Platform]	Platform	Platform Gauge	3.3	1797	85.3	0 of 26	normal	-16.5	25 of 26	foul	47.5	1 of 26	reduced	29.3			Yes	-	
46476	VTB3	3202	29.189	Three Bridges Station [Platform 2]	Platform	Platform Gauge	0.9	2340	86.3	0 of 50	normal	-16.5	30 of 50	foul	39.6	1 of 50	reduced	14.3			No	-	
84967	BHL	3600	52.985	Newbury Station [Up Bay Platform 3]	Platform	Platform Gauge	2.6	199	76	0 of 27	normal	-16.4	20 of 27	foul	52.3	0 of 27	normal	21.5			Yes	-	
137105	PEH	2100	13.415	Penistone Station [Down Platform 2]	Platform	Platform Gauge	1.8	1781	-0.7	15 of 22	foul	-16.4	18 of 22	foul	-0.7	15 of 22	foul	20.6			Yes	-	
115104	VIR	1100	34.228	Chatham Station [Platform 1]	Platform	Platform Gauge	2.3	2262	86.5	0 of 26	normal	-16.4	26 of 26	foul	49.3	1 of 26	reduced	20.6			No	-	
108344	WV/L	3100	9.1301	Afon Ewby [Bridge No.910]	Underbridge	Structure Gauging Train LaserFlex	1.5	2564	-16.4	1 of 5	foul	-16.4	1 of 5	foul	-16.4	1 of 5	foul	-16.5		Vegetation	Yes	-	
68314	HDB	2100	9.0716	Enfield Chase Station [Down Platform 2]	Platform	Platform Gauge	0.9	961	128.2	0 of 26	normal	-16.3	13 of 26	foul	63.3	0 of 26	normal	44.2			No	-	
94416	HJU	2100	5.7898	Stanlow & Thornton Station [Down Platform]	Platform	Platform Gauge	0.8	1023	117.9	0 of 19	normal	-16.3	11 of 19	foul	55.4	0 of 19	normal	28.4			Yes	-	
148304	LEC1	3603	82.25	Rugby Station [Platform No.3]	Platform	Platform Gauge	2.1	1161	104.3	0 of 40	normal	-16.3	39 of 40	foul	61.2	0 of 40	normal	39.9			Yes	-	
55365	NAJ2	1500	1.8256	West Ruislip Station [Up Passenger Loop Platform]	Platform	Platform Gauge	1.2	1617	90.2	0 of 39	normal	-16.3	9 of 39	foul	51.2	0 of 39	normal	20			Yes	-	
86552	RBS1	3813	112.81	Birmingham New Street Station [East Dock Bay Platform]	Platform	Platform Gauge	2.8	1819	19.7	3 of 11	specialreduced	-16.3	8 of 11	foul	19.7	3 of 11	specialreduced	-1.3			Yes	-	
56192	YKR	1100	0.0841	Jordanhill Station [Up Platform]	Platform	Platform Gauge	2.8	2596	19.5	16 of 29	specialreduced	-16.3	29 of 29	foul	19.5	16 of 29	specialreduced	10.6			No	-	
250483	YMS	3100	0.1653	Sign Equipment [0 Miles 13 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.9	2606	92.8	0 of 1	normal	-16.3	1 of 1	foul	42.9	1 of 1	reduced	17.4			Yes	-	
132906	BR1	2100	100.43	Uccaly Station [Down Platform]	Platform	Platform Gauge	1.4	304	108.9	0 of 11	normal	-16.2	6 of 11	foul	64.5	0 of 11	normal	43.1			Yes	-	
83588	ECM8	2100	9.4159	Prestonpans Station [Down Platform]	Platform	Platform Gauge	8.8	780	123.6	0 of 22	normal	-16.2	16 of 22	foul	63	0 of 22	normal	41.1			Yes	-	
40617	GSW	1100	91.74	Dumfries Station [Up Platform]	Platform	Platform Gauge	3.3	934	94.4	0 of 46	normal	-16.2	41 of 46	foul	58.7	0 of 46	normal	34			Yes	-	
223346	SWM2	3402	158.73	Miniature Speed Board [158 Miles 58 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.5	2157	115	0 of 1	normal	-16.2	1 of 1	foul	50.3	0 of 1	normal	32			Yes	-	
174671	WFPH	2100	54.811	Petersfield Station [Platform 2]	Platform	Platform Gauge	2.6	2508	84.9	0 of 35	normal	-16.2	8 of 35	foul	51.5	0 of 35	normal	20.4			Yes	-	
142618	BAE2	2902	122.55	Yeovil Junction Station [Down Siding Platform 3]	Platform	Platform Gauge	1.3	82	132.4	0 of 39	normal	-16.1	24 of 39	foul	65	0 of 39	normal	43.3			Yes	-	
18313	BGK	3100	83.286	River Wissey [Bridge No.1766]	Viaduct	Structure Gauging Train LaserFlex	1.9	186	113.3	0 of 18	normal	-16.1	1 of 18	foul	60	0 of 18	normal	34.7		Vegetation	No	-	
52299	CNH3	2100	231.55	Lanfairtechan Station [Down Platform]	Platform	Platform Gauge	1.6	528	82.6	0 of 30	normal	-16.1	10 of 30	foul	47.4	1 of 30	reduced	18.9			Yes	-	
138031	KCS1	2100	0.0375	Kidsgrove Station [Down Platform 4]	Platform	Platform Gauge	1.8	1094	88.1	0 of 35	normal	-16.1	30 of 35	foul	59.1	0 of 35	normal	33.6			Yes	-	
121742	MLN1	1408	245.83	Plymouth Station [Platform 8]	Platform	Platform Gauge	6.4	1442	69	0 of 62	normal	-16.1	41 of 62	foul	50.8	0 of 62	normal	29.3			Yes	-	
120502	MVE1	2100	7.6631	Kearsley Station [Down Platform]	Platform	Platform Gauge	4	1577	110.9	0 of 17	normal	-16.1	13 of 17	foul	57.2	0 of 17	normal	27.6			Yes	-	
93798	MVE1	3100	1.6975	Salford Crescent Station [Platform 1]	Platform	Platform Gauge	2.8	1578	109.6	0 of 17	normal	-16.1	12 of 17	foul	58.7	0 of 17	normal	30.8			Yes	-	
9422	NEC2	2100	8.3398	Wylam Station [Down Platform]	Platform	Platform Gauge	0.8	1639	111.5	0 of 12	normal	-16.1	5 of 12	foul	57.2	0 of 12	normal	36.4			Yes	-	
246443	VTB3	2200	28.91	Sign Equipment [28 Miles 72 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2	2336	-16.1	1 of 1	foul	-16.1	1 of 1	foul	-16.1	1 of 1	foul	-7.4			No	-	
123313	CAW	2100	5.3915	Sign [5 Miles 31 Chains]	S&T	Structure Gauging Train LaserFlex	2.1	422	-16	1 of 1	foul	-16	1 of 1	foul	-16	1 of 1	foul	-59.8			Yes	Fixable Exception	
36848	EKE	2100	0.6153	Thornliebank Station [Down Platform]	Platform	Platform Gauge	3.2	628	7.5	10 of 36	specialreduced	-16	34 of 36	foul	7.5	10 of 36	specialreduced	12.6			Yes	-	
45510	LEJ	2100	18.17	New Junction Bridge (a245) [Bridge No.21D (Geogis)]	Underbridge	Structure Gauging Train LaserFlex	1.7	1196	74.2	0 of 4	normal	-16	4 of 4	foul	58.4	0 of 4	normal	41			No	-	
131680	PA2	3602	49.05	Alton Station [Platform 2]	Platform	Platform Gauge	1.8	1764	116.2	0 of 39	normal	-16	18 of 39	foul	64.3	0 of 39	normal	46.7			No	-	
63678	SH	1100	27.221	Corse Street [Bridge No.2719C]	Underbridge	Structure Gauging Train LaserFlex	1.6	2004	44.3	2 of 4	specialreduced	-16	2 of 4	foul	44.3	2 of 4	specialreduced	-19.1		Vegetation	Yes	-	
110462	CWJ	1100	11.322	Harrow And Wealdstone Station [Up Platform 2]	Platform	Platform Gauge	0.6	592	111.4	0 of 28	normal	-15.9	23 of 28	foul	59.7	0 of 28	normal	35			Yes	-	
95692	DCL	1100	75.222	Heyford Station [Up Main Platform]	Platform	Platform Gauge	3.7	631	14.2	7 of 16	specialreduced	-15.9	12 of 16	foul	14.2	7 of 16	specialreduced	-6.7			Yes	-	
52307	CNH3	3604	263.49	Holyhead Station [Platform 3]	Platform	Platform Gauge	2.6	536	65.2	0 of 44	normal	-15.8	30 of 44	foul	48.6	1 of 44	reduced	32.8			Yes	-	
97325	MLN1	2200	10.853	Hayes & Harlington Station [Down Relief Platform 3]	Platform	Platform Gauge	2.4	1459	102.5	0 of 35	normal	-15.8	22 of 35	foul	60.1	0 of 35	normal	36.3			Yes	-	
91987	MLN3	2100	300.74	Truro Station [Down Platform 2]	Platform	Platform Gauge	1.4	1536	46.1	1 of 43	reduced	-15.8	36 of 43	foul	41.5	4 of 43	reduced	13.3			Yes	-	
70819	VIR	2100	33.226	George Lane Viaduct Arches 1076-1084 [Bridge No.147]	Viaduct	Structure Gauging Train LaserFlex	1.9	2275	-15.8	1 of 11	foul	-15.8	1 of 11	foul	-15.8	1 of 11	foul	-66.6		Vegetation	No	-	
208556	MLN1	1200	13.103	Sign Equipment [13 Miles 3 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.6	1432	129.3	0 of 1	normal	-15.7	1 of 1	foul	62.6	0 of 1	normal	36.6			Yes	-	
12139	MLN1	3613	118.45	Brisol Temple Meads Station [Platform 2]	Platform	Platform Gauge	1.9	1501	-15.7	3 of 36	foul	-15.7	11 of 36	foul	-15.7	3 of 36	foul	-10.2			Yes	Not Reviewed	
67198	SMS2	2100	9.3409	Morden South Station [Platform 2]	Platform	Platform Gauge	11.1	2040	100.7	0 of 17	normal	-15.7	12 of 17	foul	61.9	0 of 17	normal	41.6			No	-	
29717	TJC3	2100	206.64	Saltair Station [Down Platform]	Platform	Platform Gauge	1.8	2215	24.1	8 of 26	specialreduced	-15.7	22 of 26	foul	21.4	8 of 26	specialreduced	-14.5			Yes	-	
99525	VTB3	2100	25.673	Horley Station [Platform 4]	Platform	Platform Gauge	1.4	2333	121.7	0 of 26	normal	-15.7	26 of 26	foul	61.3	0 of 26	normal	37.7			No	-	
13409	BAL	3100	2.775	Tondu Station [Single Line Platform]	Platform	Platform Gauge	1.7	98	-15.6	4 of 23	foul	-15.6	9 of 23	foul	-15.6	4 of 23	foul	6.3			Yes	-	
111708	ECM8	3409	38.994	Edinburgh Waverley Station [Platform 9]	Platform	Platform Gauge	4.8	783	-15.6	6 of 73	foul	-15.6	6 of 73	foul	-15.6	6 of 73	foul	6.1			Yes	-	
38204	FDM	2100	56.419	Selling Tunnel No.245]	Tunnel	Structure Gauging Train LaserFlex	1.5	854	-15.6	7 of 75	foul	-15.6	7 of 75	foul	-15.6	7 of 75	foul	-73.1			No	Fixable Exception	
247338	MLN1	1100	4.0756	Speed Board [4 Miles 6 Chains 1 Yard]	Lineside Furniture	Platform Gauge	1.1	1410	127.6	0 of 1	normal	-15.6	1 of 1	reduced	44.2	1 of 1	reduced	0.9			Yes	-	

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fstp A (LSSG)			22.96m SVG Fstp B (Specific)			20m SVG Fstp B		Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio			
70099	WAH	3100	135.19	Ledbury Tunnel [Bridge No.13515]	Tunnel	Structure Gauging Train LaserFlex	1.8	2356	-14.5	14 of 243	fail	-14.5	14 of 243	fail	-14.5	14 of 243	fail	-57.4			Yes	Fixable Exception
76641	WSJ2	1100	201.7	Wrexham General Station [Up Platform 1]	Platform	Platform Gauge	1.9	2532	132	0 of 23	normal	-14.5	1 of 23	normal	57.2	0 of 23	normal	35.2			Yes	-
10058	BEA	3400	56.65	Redditch Station [Single Platform]	Platform	Platform Gauge	0.6	135	120	0 of 39	normal	-14.4	37 of 39	normal	64.7	0 of 39	normal	42.3			Yes	-
7052	HHT	2100	4.9835	Tulse Hill Station [Platform 2]	Platform	Platform Gauge	16.4	1027	96.8	0 of 22	normal	-14.4	5 of 22	fail	44.9	1 of 22	reduced	27.3			No	-
149947	SHL	2100	37.552	3 Amco Pipe [37 Miles 44 Chains]	Underbridge	Structure Gauging Train LaserFlex	1.6	2012	130.6	0 of 2	normal	-14.4	1 of 2	normal	52.5	0 of 2	normal	28.6		Vegetation	Yes	-
23702	BBJ	1100	6.9756	West Norwood Station [Up Platform 1]	Platform	Platform Gauge	11.1	103	37	2 of 35	reduced	-14.3	26 of 35	fail	37	2 of 35	reduced	9.9			No	-
3704	BML1	2100	66.423	Winchester Station [Down Platform 2]	Platform	Platform Gauge	2.6	254	97.2	0 of 51	normal	-14.3	50 of 51	fail	60.7	0 of 51	normal	25.2			Yes	-
114836	BOK2	1100	1.6409	Hampstead Heath Station [Up Platform E]	Platform	Platform Gauge	1.9	301	30.3	3 of 10	reduced	-14.3	10 of 10	fail	30.3	3 of 10	reduced	41.5			No	-
38430	LEC1	1200	27.826	Berkhamstead Station [Up Slow Platform 4]	Platform	Platform Gauge	2	1155	39	2 of 50	reduced	-14.3	37 of 50	fail	39	2 of 50	reduced	34.3			Yes	-
63846	LEC1	2100	2.4795	Retaining Wall [2 Miles 45 Chains]	Wall	Structure Gauging Train LaserFlex	0.6	1157	14.3	4 of 31	fail	-14.3	4 of 31	fail	14.3	4 of 31	fail	-67.9		Vegetation	Yes	-
99771	RPE	2100	12.92	Ewell West Station [Platform 2]	Platform	Platform Gauge	2.3	1884	115.8	0 of 19	normal	-14.3	1 of 19	fail	33.4	1 of 19	reduced	-2.6			No	-
67202	SMS2	1100	9.8102	St Helier Station [Platform 1]	Platform	Platform Gauge	11.1	2039	104.6	0 of 13	normal	-14.3	5 of 13	normal	65.4	0 of 13	normal	43.6			No	-
3084	STS	2100	56.274	Newhaven Town Station [Platform 2]	Platform	Platform Gauge	3.1	2088	56	0 of 13	normal	-14.3	12 of 13	fail	55.4	0 of 13	normal	24.6			No	-
67384	VTB1	2200	0.7244	Grosvenor Road [Bridge No.4]	Underbridge	Structure Gauging Train LaserFlex	2	2308	102.4	0 of 7	normal	-14.3	6 of 7	fail	69.5	0 of 7	normal	Normal			No	-
68388	VTB2	1200	13.285	Purley Station [Platform 3]	Platform	Platform Gauge	3.3	2324	119	0 of 52	normal	-14.3	15 of 52	fail	65	0 of 52	normal	42.9			No	-
93800	WBS2	1100	17.838	Wigan Wallgate Station [Platform 2]	Platform	Platform Gauge	0.7	2367	86.1	0 of 37	normal	-14.3	12 of 37	fail	64	0 of 37	normal	26.5			No	-
117172	WBS3	1100	33.991	Meols Cop Station [Up Platform]	Platform	Platform Gauge	0.6	2371	14.7	4 of 26	special/reduced	-14.3	20 of 26	fail	14.7	4 of 26	special/reduced	-13.1			No	-
140462	XTD	3102	4.1415	Telephone [4 Miles 11 Chains]	S&T	Structure Gauging Train LaserFlex	2.8	2591	132.7	0 of 1	normal	-14.3	1 of 1	fail	57	0 of 1	normal	33.9			No	-
87129	CAR	2100	16.342	Pengam Station [Down Platform]	Platform	Platform Gauge	0.5	393	129.2	0 of 20	normal	-14.2	11 of 20	fail	51.3	0 of 20	normal	28.5			Yes	-
96867	LTN1	2100	38.528	Wilham Station [Platform 3]	Platform	Platform Gauge	1.7	1299	99.9	0 of 43	normal	-14.2	25 of 43	fail	62.5	0 of 43	normal	41			No	-
61564	RDG2	1100	65.977	Earley Station [Up Platform]	Platform	Platform Gauge	1.6	1874	106.3	0 of 38	normal	-14.2	32 of 38	fail	66.4	0 of 38	normal	47			Yes	-
127558	SAC	2100	298.08	Armathwaite Station [Down Platform]	Platform	Platform Gauge	1	1908	132.9	0 of 11	normal	-14.2	11 of 11	fail	58.4	0 of 11	normal	38.4			Yes	-
68136	SWM2	3404	170.38	Cardiff Central Station [Up Barry Relief Platform 4]	Platform	Platform Gauge	6.5	2163	30.5	2 of 38	reduced	-14.2	29 of 38	fail	30.5	2 of 38	reduced	15.2			Yes	-
23479	CAM	2200	5.3409	Radyr Station [Loop Platform 2]	Platform	Platform Gauge	3.3	376	48.8	1 of 17	reduced	-14.1	15 of 17	fail	43.5	1 of 17	reduced	15.8			No	-
41391	CTC	2100	4.4489	Maxwell Park Station [Down Platform]	Platform	Platform Gauge	1.4	575	82.7	0 of 31	normal	-14.1	20 of 31	fail	67.5	0 of 31	normal	29.8			No	-
43892	DBP1	2100	10.838	Burton On Trent Station [Down Platform]	Platform	Platform Gauge	0.9	626	109.7	0 of 47	normal	-14.1	36 of 47	fail	67.1	0 of 47	normal	41.7			Yes	-
52406	HGL2	3602	117.81	Inverness Station [Platform 2]	Platform	Platform Gauge	1.2	1012	38.9	2 of 64	reduced	-14.1	45 of 64	fail	32.5	3 of 64	reduced	14.4			Yes	-
71670	VOG	1100	17.175	Ochr Draw Farm [Bridge No.17140]	Underbridge	Structure Gauging Train LaserFlex	1.7	2293	9.4	2 of 3	special/reduced	-14.1	3 of 3	fail	9.4	2 of 3	special/reduced	-28.9		Vegetation	Yes	-
16838	BOB	2100	2.0841	Slow Brinkhill Station [Down Platform]	Platform	Platform Gauge	0.5	115	109.6	0 of 11	normal	-14	9 of 11	fail	68.6	0 of 11	normal	41.1			Yes	-
50724	CGJ7	2100	68.852	Carlisle Station [Down Platform 3]	Platform	Platform Gauge	0.5	480	111.6	6 of 81	normal	-14	33 of 81	fail	111.6	6 of 81	normal	16.7			Yes	-
96410	KHL	1100	99.538	Croftfoot Station [Up Platform]	Platform	Platform Gauge	0.7	1098	134.7	0 of 20	normal	-14	10 of 20	fail	62.4	0 of 20	normal	40.7			No	-
117391	BKE	1100	43.147	Mortimer Station [Up Platform 2]	Platform	Platform Gauge	3.1	207	123.5	0 of 9	normal	-13.9	5 of 9	fail	63.3	0 of 9	normal	41.9			Yes	-
159359	ECM1	3201	154.5	Sign Equipment [154 Miles 42 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.9	717	25.2	1 of 2	special/reduced	-13.9	1 of 2	fail	25.2	1 of 2	special/reduced	-21.6			Yes	Fixable Exception
115726	HBS	1100	30.875	Bridlington Station [Platform 5]	Platform	Platform Gauge	2.8	947	-13.9	11 of 27	fail	-13.9	24 of 27	fail	-13.9	11 of 27	fail	5.4			Yes	-
139177	LTN1	2152	14.898	Harold Wood Station [Platform 4]	Platform	Platform Gauge	2.8	1317	124.8	0 of 35	normal	-13.9	9 of 35	fail	52.3	0 of 35	normal	29.6			No	-
46149	MLN4	3601	326.46	Penzance Station [Platform 1]	Platform	Platform Gauge	2.6	1553	58.6	0 of 55	normal	-13.9	53 of 55	fail	46.4	3 of 55	reduced	19			Yes	-
151901	SPC6	1100	125.2	Retaining Wall [125 miles, 15 chains]	Wall	Structure Gauging Train LaserFlex	2.2	2066	13.9	1 of 21	normal	-13.9	1 of 21	fail	13.9	1 of 21	normal	-57.3		Vegetation	Yes	-
27663	BKG	2150	1.7114	Cambridge Heath Station [Down Suburban Platform 2]	Platform	Platform Gauge	1.8	183	86.3	0 of 22	normal	-13.8	11 of 22	fail	54.6	0 of 22	normal	26.1			No	-
122430	DCL	1100	109.14	Underbridge [Bridge No.159]	Underbridge	Structure Gauging Train LaserFlex	1	634	-13.8	1 of 3	fail	-13.8	1 of 3	fail	-13.8	1 of 3	fail	-66		Vegetation	Yes	-
223364	TAH1	2100	2.9415	Disused [2 Miles 75 Chains]	Platform	Structure Gauging Train LaserFlex	2.1	2166	124.5	0 of 10	normal	-13.8	9 of 10	fail	47.2	1 of 10	reduced	-6.9			Yes	-
27355	BKG	1500	22.64	Harlow Town Station [Up Loop Platform 1]	Platform	Platform Gauge	1.4	171	71.7	0 of 45	normal	-13.7	35 of 45	fail	53.8	0 of 45	normal	23.4			No	-
51692	LECS	3603	157.48	Crewe Station [Platform 3]	Platform	Platform Gauge	2.3	1186	121.1	0 of 10	normal	-13.7	9 of 10	fail	42.5	1 of 10	reduced	16.7			Yes	-
65945	SPC3	1100	65.138	Wallingborough Station [Up Fast Platform 2]	Platform	Platform Gauge	3.8	2057	78.9	0 of 46	normal	-13.7	43 of 46	fail	51.6	0 of 46	normal	24.1			Yes	-
137757	WSJ2	1200	161.32	Wellington Station [Up Loop Platform 1]	Platform	Platform Gauge	3.4	2533	121	0 of 30	normal	-13.7	23 of 30	fail	66.8	0 of 30	normal	45.6			Yes	-
2692	EMP	1100	94.668	Whittlesea Station [Up Platform 2]	Platform	Platform Gauge	7.2	832	135.1	0 of 7	normal	-13.6	7 of 7	fail	64	0 of 7	normal	42.3			Yes	-
101050	SCU1	1100	17.131	Wokingham Station [Platform 1]	Platform	Platform Gauge	1.6	1959	81.1	0 of 20	normal	-13.6	20 of 20	fail	64	0 of 20	normal	33.1			No	-
109118	TBF2	1100	33.135	Inlands Rd [33 Miles 11 Chains]	Crossing	Structure Gauging Train LaserFlex	2.8	2178	133.8	0 of 6	normal	-13.6	1 of 6	fail	55	0 of 6	normal	30.3			Yes	-
16099	BML1	2100	9.704	New Malden Station [Down Platform 3]	Platform	Platform Gauge	3	249	121.2	0 of 40	normal	-13.5	16 of 40	fail	54.8	0 of 40	normal	14.2			No	-
99515	ECN5	3604	240.94	Aberdeen Station [Platform 4]	Platform	Platform Gauge	1.5	808	36.5	2 of 22	reduced	-13.5	22 of 22	fail	36.5	2 of 22	reduced	30.1			Yes	-
99185	HMIN2	1100	4.1125	Hamilton West Station [Up Platform 2]	Platform	Platform Gauge	3.1	1030	62.8	0 of 33	normal	-13.5	20 of 33	fail	58.5	0 of 33	normal	28.6			Yes	-
117364	PPH	3101	51.959	Hove Station [Up Loop Platform 1]	Platform																	

ID	ELR	Line	Start	Structure Name	ID	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fisp A (LSSG)			22.96m SVG Fisp B (Specific)			20m SVG Fisp B			Comments	23m Route?	OMNICON
										Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
73294	DOL2	3603	185.75	Leeds Station [Platform 3 (DOL2)]		Platform	Platform Gauge	1.7	666	130.7	0 of 21	normal	-12.3	15 of 21	fail	50.2	0 of 21	normal	23.6			Yes	-	
37182	EMT	3100	0.425	Polsloe Bridge Hat [Single Line Platform]		Platform	Platform Gauge	2.1	835	131.3	0 of 20	normal	-12.3	14 of 20	fail	60.9	0 of 20	normal	37.2			Yes	-	
24793	KJE1	1100	47.342	Cockbridge Station [Platform 1]		Platform	Platform Gauge	1.5	1101	131.2	0 of 16	normal	-12.3	11 of 16	fail	67.3	0 of 16	normal	45			No	-	
28228	NMS2	2100	14.524	Hampton Station [Platform 2]		Platform	Platform Gauge	0.7	1723	83.4	0 of 35	normal	-12.3	28 of 35	fail	69.1	0 of 35	normal	34.2			No	-	
120650	CGJ3	1200	182.05	Warrington Bank Quay Station [Up Slow Platform 1]		Platform	Platform Gauge	2.4	466	99.8	0 of 18	normal	-12.2	9 of 18	fail	54.9	0 of 18	normal	34.4			Yes	-	
93023	SCU1	1100	32.055	Ashurst Station [Platform 1]		Platform	Platform Gauge	0.4	1963	111.4	0 of 15	normal	-12.2	15 of 15	fail	62.5	0 of 15	normal	35.1			No	-	
23459	CAM	3100	0.0432	Cardiff Bay Station [Single Line Platform]		Platform	Platform Gauge	3.2	377	132.2	0 of 22	normal	-12.1	11 of 22	fail	50.4	0 of 22	normal	22.6			Yes	-	
98054	ECN2	1100	44.556	Cupar Station [Up Platform]		Platform	Platform Gauge	4.1	790	39.6	5 of 41	reduced	-12.1	28 of 41	fail	30.8	6 of 41	reduced	2.3			Yes	-	
12726	GBK	1100	2.7	Pollokshaw West Station [Up Platform]		Platform	Platform Gauge	2.7	905	105.3	0 of 30	normal	-12.1	27 of 30	fail	63.1	0 of 30	normal	36.5			Yes	-	
25522	GOU2	1100	126.52	Gourcock Station [Platform 2]		Platform	Platform Gauge	1	913	49.7	1 of 39	reduced	-12.1	27 of 39	fail	49.7	1 of 39	reduced	39.9			No	-	
114154	HBS	1100	19.427	Driffield Station [Up Platform 1]		Platform	Platform Gauge	3.4	946	40.5	2 of 19	reduced	-12.1	12 of 19	fail	30.1	3 of 19	reduced	0.1			Yes	-	
4777	HDB	2100	4.9222	Alexandra Palace Station [Platform 4]		Platform	Platform Gauge	4.9	958	89.7	0 of 21	normal	-12.1	21 of 21	fail	69.2	0 of 21	normal	47.6			No	-	
134177	MVL3	3606	25.8	Huddersfield Station [Platform 6]		Platform	Platform Gauge	0.8	1597	-12.1	5 of 17	fail	-12.1	14 of 17	fail	-12.1	5 of 17	fail	6.2			Yes	-	
69088	VTB3	3201	37.663	Haywards Heath Station [Platform 1]		Platform	Platform Gauge	1	2338	68.9	0 of 50	normal	-12.1	40 of 50	fail	44.8	2 of 50	reduced	18			No	-	
74370	WPH1	1503	42.91	Haslemere Station [Platform 3]		Platform	Platform Gauge	2.7	2502	94.5	0 of 58	normal	-12.1	30 of 58	fail	66.3	0 of 58	normal	29			Yes	-	
6897	B8M	3400	16.05	Bedford St. Johns Station [Bi-directional Platform]		Platform	Platform Gauge	2.3	119	95	0 of 6	normal	-12	6 of 6	fail	63.4	0 of 6	normal	37.4			Yes	-	
187202	BML1	2100	47.478	Sign Equipment [47 Miles 38 Chains]		Lineside Furniture	Structure Gauging Train LaserFlex	3.7	252	122.6	0 of 1	normal	-12	1 of 1	fail	66	0 of 1	normal	42.4			Yes	-	
107704	GOU2	1100	121.78	Bogston Station [Up Platform]		Platform	Platform Gauge	1.8	912	115.9	0 of 15	normal	-12	4 of 15	fail	63.2	0 of 15	normal	36.8			No	-	
116341	LTN1	1152	9.1727	Goodnays Station [Platform 3]		Platform	Platform Gauge	0.8	1284	101.2	0 of 22	normal	-12	9 of 22	fail	63.4	0 of 22	normal	36			No	-	
67387	VTB1	1100	0.7205	Grosvenor Road [Bridge No.4]		Underbridge	Structure Gauging Train LaserFlex	2	2296	135.4	0 of 6	normal	-12	6 of 6	fail	67.3	0 of 6	normal	45.1			No	-	
99081	WPH1	3105	30.247	Guildford Station [Platform 5]		Platform	Platform Gauge	1.8	2512	97.2	0 of 57	normal	-12	45 of 57	fail	54.5	0 of 57	normal	32.1			Yes	-	
7502	ALC1	2100	1.2114	Gravelly Hill Station [Down Platform]		Platform	Platform Gauge	0.8	12	20.1	4 of 36	specialreduced	-11.9	27 of 36	fail	15.8	5 of 36	specialreduced	18.4			Yes	-	
148771	BTB3	1100	35.327	Sign Equipment [35 miles, 26 chains, 3 yards]		Lineside Furniture	Structure Gauging Train Laser Rail	5	346	66.4	0 of 1	normal	-11.9	1 of 1	fail	49.3	1 of 1	fail	32.9			No	-	
29121	CWJ	3602	17.643	Watford Junction Station [Down Platform 2]		Platform	Platform Gauge	3.3	600	119.6	0 of 13	normal	-11.9	13 of 13	fail	64.1	0 of 13	normal	38.9			No	-	
51114	EGM1	1100	29.617	Lunithgow Station [Up Platform]		Platform	Platform Gauge	8.8	813	78.1	0 of 20	normal	-11.9	18 of 20	fail	58.8	0 of 20	normal	30.7			Yes	-	
43366	HJS	2100	133.22	Smethley Galton Bridge Station [Down Line Platform 2]		Platform	Platform Gauge	3.9	1041	121.6	0 of 32	normal	-11.9	30 of 32	fail	68.5	0 of 32	normal	47			Yes	-	
121522	OBN2	3500	71.395	Oban Station [Platform 4]		Platform	Platform Gauge	4.1	1747	13	1 of 49	specialreduced	-11.9	20 of 49	fail	13	1 of 49	specialreduced	22.5			Yes	-	
209403	BML1	1200	3.7017	Telephone [3 Miles 56 Chains]		S&T	Structure Gauging Train LaserFlex	2.8	234	135.5	0 of 2	normal	-11.8	2 of 2	fail	59	0 of 2	normal	35.8			Yes	-	
251142	ECM2	1200	1.4415	Retaining Wall [1 Mile 35 Chains]		Wall	Structure Gauging Train LaserFlex	1.2	759	14.2	1 of 17	reduced	-11.8	1 of 17	fail	14.2	1 of 17	reduced	8.2			Vegetation	Yes	-
182564	MLN1	2500	179.06	Dissed Platform [179 Miles 5 Chains]		Platform	Structure Gauging Train LaserFlex	5.9	1467	132.9	0 of 46	normal	-11.8	4 of 46	fail	53.1	0 of 46	normal	25.5			Yes	-	
120532	SUB2	2100	3.471	Water Pipes [Bridge No.15]		Overbridge	Structure Gauging Train LaserFlex	1.2	2098	-11.8	1 of 2	fail	-11.8	1 of 2	fail	-11.8	1 of 2	fail	-52.8			Vegetation	Yes	-
35993	GOJ	2100	0.1449	Gordon House Road B518 [Bridge No.1]		Underbridge	Structure Gauging Train LaserFlex	2.1	908	19.3	1 of 8	specialreduced	-11.7	2 of 8	fail	19.3	1 of 8	specialreduced	-12.8			Yes	-	
120982	MVL3	1100	10.488	Mossley Station [Up Platform]		Platform	Platform Gauge	1.7	1589	111.8	0 of 20	normal	-11.7	20 of 20	fail	72.2	0 of 20	normal	Normal			Yes	-	
93144	SPC6	1100	120.3	Long Eaton Station [Up Platform]		Platform	Platform Gauge	1.1	2085	135.3	0 of 29	normal	-11.7	20 of 29	fail	71.1	0 of 29	normal	Normal			Yes	-	
70409	WB8	3601	28.582	Bourne End Station [Up Bay Platform]		Platform	Platform Gauge	3.1	2362	48.7	1 of 17	reduced	-11.7	16 of 17	fail	38.7	4 of 17	reduced	8.2			No	-	
22806	BOH	3400	19.219	Alexandria Station [Single Platform]		Platform	Platform Gauge	2.8	128	66.4	0 of 27	normal	-11.6	13 of 27	fail	62	0 of 27	normal	32.3			No	-	
95381	MLN1	1100	118.25	Bristol Temple Meads Station [Platforms 5 And 6]		Platform	Platform Gauge	1.9	1420	16.5	4 of 65	specialreduced	-11.6	33 of 65	fail	16.5	6 of 65	specialreduced	-8.8			Yes	-	
238189	SHL	2100	31.053	Culvert [Bridge No.3105]		Underbridge	Structure Gauging Train LaserFlex	1.6	2011	-11.6	1 of 3	fail	-11.6	1 of 3	fail	-11.6	1 of 3	fail	-69.4			Vegetation	Yes	-
119061	VIR	3606	0	Victoria Station [Platform 6]		Platform	Platform Gauge	21.6	2285	46	1 of 32	reduced	-11.6	9 of 32	fail	46	1 of 32	reduced	43.5			No	-	
137900	VTB3	2200	23.408	Salfords Station [Platform 2]		Platform	Platform Gauge	0.9	2335	79.9	0 of 33	normal	-11.6	32 of 33	fail	50.6	0 of 33	normal	19.7			No	-	
27491	WSJ2	2100	196.99	Ruoston Station [Down Main Platform]		Platform	Platform Gauge	1.5	2542	32.2	1 of 42	reduced	-11.6	29 of 42	fail	32.2	1 of 42	reduced	-0.9			Yes	-	
6711	B8M	1800	16.34	Dove Bridge [Bridge No.38]		Underbridge	Structure Gauging Train	1.7	114	87.5	0 of 10	normal	-11.5	7 of 10	fail	35.8	1 of 10	reduced	-21.7			Yes	Not Reviewed	
22058	BTL	3608	0	Brighton Station [Up Bay Platform 8]		Platform	Platform Gauge	0.5	357	128.9	0 of 56	normal	-11.5	30 of 56	fail	45.5	1 of 56	reduced	13.3			No	-	
62807	ENT	3603	10.587	Enfield Town Station [Platform 8]		Platform	Platform Gauge	4.6	843	123.8	0 of 10	normal	-11.5	10 of 10	fail	66.7	0 of 10	normal	43.7			No	-	
51302	MLN2	2100	248.12	Stone Arch Over Bridge [Bridge No.24808]		Overbridge	Structure Gauging Train LaserFlex	1.7	1504	-11.5	1 of 6	fail	-11.5	1 of 6	fail	-11.5	1 of 6	fail	-44.6			Vegetation	Yes	-
141320	PRA	3600	42.288	Princes Risborough Station [Bay Platform 1]		Platform	Platform Gauge	3.8	1793	106.2	0 of 12	normal	-11.5	11 of 12	fail	62.3	0 of 12	normal	31.8			Yes	-	
63657	WCM2	2100	89.397	Motherwell Station [Platform 2]		Platform	Platform Gauge	0.6	2392	113	0 of 58	normal	-11.5	36 of 58	fail	71.7	0 of 58	normal	36.8			Yes	-	
109993	B8M	2100	6.7119	Ridgmont Station [Down Platform]		Platform	Platform Gauge	2.6	116	81.2	0 of 16	normal	-11.4	15 of 16	fail	52.1	0 of 16	normal	23			Yes	-	
18130	BML1	3606	0.0551	Waterloo Station [Platform 6]		Platform	Platform Gauge	2.2	279	-11.4	1 of 45	fail	-11.4	12 of 45	fail	-11.4	1 of 45	fail	40.7			Yes	-	
2																								

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fisp A (LSSG)			22.96m SVG Fisp B (Specific)			20m SVG Fisp B		Comments	23m Route?	OMNICON	
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Max				
45285	LEH3	1100	16.643	St James Drive [Bridge No.39]	Overbridge	Structure Gauging Train LaserFlex	3	1189	-10.5	2 of 2	foul	-10.5	2 of 2	foul	-10.5	2 of 2	foul	-53.6			Yes	-	
103345	LVS	3614	0.0244	Liverpool Street Station [Platform 14]	Platform	Platform Gauge	1.8	1345	-10.5	7 of 33	foul	-10.5	13 of 33	foul	-10.5	7 of 33	foul	-13.1			#DIV/0!	-	
124060	PW52	3101	42.398	Maidstone West Station [Platform 1]	Platform	Platform Gauge	3.5	1809	58	0 of 17	normal	-10.5	13 of 17	foul	58	0 of 17	normal	41.7			No	-	
53555	SCM3	1100	101.19	Cumbernauld Station [Up Platform]	Platform	Platform Gauge	3.1	1936	121.7	0 of 25	normal	-10.4	19 of 25	foul	67.3	0 of 25	normal	44.1			Yes	-	
4610	WJL4	3604	193.51	Liverpool Lime Street Station [Platform 4]	Platform	Platform Gauge	5.6	2480	29.2	2 of 42	reduced	-10.5	29 of 42	reduced	29.2	2 of 42	reduced	21.3			Yes	-	
4819	WPS	3400	16.296	Thornham Station [Single Platform]	Platform	Platform Gauge	16.7	2525	139	0 of 26	normal	-10.5	8 of 26	foul	66.9	0 of 26	normal	45.1			No	-	
107303	DCI	2100	126.98	Small Heath Station [Down Snow Hill Platform 4]	Platform	Platform Gauge	2.7	641	135.2	0 of 46	normal	-10.4	23 of 46	foul	70.4	0 of 46	normal	49.3			Yes	-	
214172	KGC	1100	0.8159	S&T Boxes [0 Miles 65 Chains]	S&T	Structure Gauging Train LaserFlex	2.1	1096	74.9	0 of 1	normal	-10.4	1 of 1	foul	48.6	1 of 1	reduced	17.3			No	-	
47787	MLN1	1100	35.873	Reading Station [Up Relief Platform 10]	Platform	Platform Gauge	3.3	1413	128.4	0 of 56	normal	-10.4	18 of 56	foul	67.7	0 of 56	normal	45.5			Yes	-	
71307	WBS1	2100	10.988	Abertou Station [Down Platform]	Platform	Platform Gauge	4.7	2366	68.8	0 of 28	normal	-10.4	15 of 28	foul	51.5	0 of 28	normal	21.1			Yes	-	
42231	BHL	2100	75.281	Pewsey Station [Down Platform 1]	Platform	Platform Gauge	3.2	197	103.7	0 of 19	normal	-10.3	19 of 19	foul	61.9	0 of 19	normal	31.3			Yes	-	
55025	MVNZ	1150	48.6	River Calder [Bridge No.247]	Underbridge	Structure Gauging Train LaserFlex	3	1605	47.6	1 of 17	specialreduced	-10.3	1 of 17	foul	47.6	1 of 17	specialreduced	-20.4			Vegetation	Yes	-
123871	NAY	3100	7.9472	Lingwood Station [Bi-directional Platform]	Platform	Platform Gauge	3.4	1622	120.6	0 of 20	normal	-10.3	20 of 20	foul	69.2	0 of 20	normal	44.7			Yes	-	
119903	VIR	3201	79.181	Ramsgate Station [Platform 1]	Platform	Platform Gauge	0.6	2281	91.5	0 of 27	normal	-10.3	21 of 27	foul	56	0 of 27	normal	13.6			No	-	
51675	CMF2	3610	188.75	Manchester Piccadilly Station [Platform 10]	Platform	Platform Gauge	1.6	502	133.8	3 of 27	foul	-10.2	13 of 27	foul	10.2	3 of 27	foul	3.8			Yes	-	
7081	HDB	2100	23.859	Watton - At - Stone Station [Down Platform]	Platform	Platform Gauge	0.6	963	133.8	0 of 17	normal	-10.2	17 of 17	foul	70	0 of 17	normal	47.8			No	-	
56194	PMJ	2150	22.113	Peterborough Station [Down Stamford Platform 5]	Platform	Platform Gauge	0.4	1785	108.7	0 of 50	normal	-10.2	29 of 50	foul	71.8	0 of 50	normal	Normal			No	-	
7085	NOL	3604	23.361	Lowestoft Station [Platform 4]	Platform	Platform Gauge	3.4	1740	118.8	0 of 18	normal	-10.1	16 of 18	foul	70.4	0 of 18	normal	48.3			Yes	-	
61900	RPE	1100	8.5773	Raynes Park Station [Platform 1]	Platform	Platform Gauge	10.8	1883	48.2	1 of 36	reduced	-10.1	19 of 36	foul	37.2	2 of 36	reduced	-13.4			No	-	
3029	TLA	3601	36.768	Stansted Airport Station [Platform 1]	Platform	Platform Gauge	5	2222	135.6	0 of 20	normal	-10.1	20 of 20	foul	59.2	0 of 20	normal	36.5			No	-	
138629	VTB1	3613	0.0528	Victoria Station [Platform 13]	Platform	Platform Gauge	3	2318	139.8	0 of 33	normal	-10.1	20 of 33	foul	67.9	0 of 33	normal	47.6			No	-	
107950	VTB3	3603	50.456	Brighton Station [Platform 3]	Platform	Platform Gauge	0.5	2344	82.5	0 of 50	normal	-10.1	31 of 50	foul	70.1	0 of 50	normal	Normal			Yes	-	
70406	WBB	3100	27.146	Cockham Station [Single Line Platform]	Platform	Platform Gauge	1.3	2360	108.4	0 of 26	normal	-10.1	26 of 26	foul	64.4	0 of 26	normal	33.9			No	-	
106021	CJC	2100	6.1472	Walhamstead Central Station [Down Platform 2]	Platform	Platform Gauge	1.3	492	133.3	0 of 20	normal	-10	11 of 20	foul	66.3	0 of 20	normal	44.4			No	-	
106358	EGM1	1100	24.925	Palmont Station [Up Platform]	Platform	Platform Gauge	3.5	812	84.6	0 of 31	normal	-10	19 of 31	foul	55	0 of 31	normal	26.7			Yes	-	
96270	HGL2	1100	35.113	Blair Athol Station [Up Platform]	Platform	Platform Gauge	1.1	1002	97.5	0 of 16	normal	-10	12 of 16	foul	65.2	0 of 16	normal	37.2			Yes	-	
109674	MAJ	1100	29.01	Urmston Station [Up Platform]	Platform	Platform Gauge	1.4	1363	131.6	0 of 14	normal	-10	12 of 14	foul	69.3	0 of 14	normal	46.7			Yes	-	
64543	MGE	3602	9.3125	Milngavie Station [Platform 2]	Platform	Platform Gauge	1.1	1391	92.2	0 of 19	normal	-10	16 of 19	foul	58.8	0 of 19	normal	27.6			Yes	-	
97311	MLN1	2200	4.2381	Acton Main Line Station [Up Relief Platform 4]	Platform	Platform Gauge	0	1430	125.2	0 of 37	normal	-10	37 of 37	foul	63.3	0 of 37	normal	22.6			Yes	-	
124495	NOR1	1100	29.46	Hykeham Station [Up Platform]	Platform	Platform Gauge	0.8	1732	118.1	0 of 21	normal	-10	16 of 21	foul	71.7	0 of 21	normal	Normal			Yes	-	
72030	TBH2	3500	22.287	Barnham Station [Platform 1]	Platform	Platform Gauge	1	2181	77	0 of 50	normal	-10	28 of 50	foul	66.1	0 of 50	normal	33.6			Yes	-	
107710	VIR	2502	73.801	Margate Station [Platform 2]	Platform	Platform Gauge	3.3	2280	57.1	0 of 26	normal	-10	23 of 26	foul	37.3	1 of 26	reduced	19.5			No	-	
19426	BLU2	3604	61.901	Littlehampton Station [Bay Platform 4]	Platform	Platform Gauge	1.5	224	106.8	0 of 27	normal	-9.9	11 of 27	foul	65.8	0 of 27	normal	40.3			No	-	
104	LTN1	1800	6.2	Manor Park Station [Up Passenger Avoiding]	Platform	Platform Gauge	1.8	1291	105.4	0 of 23	normal	-9.9	20 of 23	foul	65.8	0 of 23	normal	43.2			No	-	
55572	MR2	1100	3.4581	Rock Ferry Station [Platform 2]	Platform	Platform Gauge	0.6	1399	98.9	0 of 17	normal	-9.9	13 of 17	foul	60.2	0 of 17	normal	29.2			No	-	
49138	MLN1	1200	163.02	Taunton Station [Up Relief Platform 5]	Platform	Platform Gauge	1.1	1438	118.5	0 of 44	normal	-9.9	35 of 44	foul	65.6	0 of 44	normal	39.6			Yes	-	
101228	OBZ2	2500	58.65	Taynult Station [Down Platform]	Platform	Platform Gauge	0.9	1744	128.8	0 of 14	normal	-9.9	14 of 14	foul	73.9	0 of 14	normal	Normal			Yes	-	
133958	POR	3100	0.3131	Bridgend Road Evanston [Bridge No.025]	Underbridge	Platform Gauge	1.4	1791	132.2	0 of 6	normal	-9.9	1 of 6	foul	69.5	0 of 6	normal	Normal			Yes	-	
2566	SSV	3604	41.351	Southend Victoria Station [Platform 4]	Platform	Platform Gauge	2	2079	140.7	0 of 37	normal	-9.9	20 of 37	foul	69.6	0 of 37	normal	47.9			No	-	
46664	WHL	1500	19.54	Arrochar & Tarbet Station [Up Platform]	Platform	Platform Gauge	0.8	2436	21	4 of 32	specialreduced	-9.9	16 of 32	foul	18.1	4 of 32	specialreduced	-12.1			Yes	-	
18034	BGK	1100	24.401	Harlow Mill Station [Up Platform 1]	Platform	Platform Gauge	1.1	164	131.9	0 of 18	normal	-9.8	11 of 18	foul	69.4	0 of 18	normal	47.5			No	-	
27859	CMF1	2100	178.25	Handforth Station [Down Platform]	Platform	Platform Gauge	1.9	248	8	0 of 18	normal	-9.8	0 of 18	foul	73.7	0 of 18	normal	8.4			No	-	
52305	CNH3	2100	280.1	Valley Station [Down Platform]	Platform	Platform Gauge	1.7	530	116.9	0 of 9	normal	-9.8	9 of 9	foul	66	0 of 9	normal	43.8			Yes	-	
117889	NKL	1100	7.3108	Victoria Road [Bridge No.571]	Overbridge	Structure Gauging Train LaserFlex	1.9	1697	-9.8	3 of 3	foul	-9.8	3 of 3	foul	-9.8	3 of 3	foul	-24.1			No	-	
93944	WJL3	2200	189.7	Mossley Hill Station [Platform 4]	Platform	Platform Gauge	3.5	2472	138.8	0 of 15	normal	-9.8	15 of 15	foul	73.7	0 of 15	normal	Normal			Yes	-	
139373	BGK	3605	55.7	Cambridge Station [Bay Platform 5]	Platform	Platform Gauge	4.4	188	50.1	0 of 20	normal	-9.7	18 of 20	foul	50.1	0 of 20	normal	25.5			No	-	
111017	CSJ7	2100	19.138	Oxenheath Station [Down Platform]	Platform	Platform Gauge	2.2	479	82.5	0 of 58	normal	-9.7	23 of 58	foul	55.5	0 of 58	normal	28			Yes	-	
44170	LTN1	3605	7.2832	Wrotham Station [Platform 5]	Platform	Platform Gauge	1.3	1333	48.3	1 of 34	reduced	-9.7	33 of 34	foul	29.9	6 of 34	reduced	8.4			No	-	
134009	NFE	3103	10.379	West Croxson Station [Platform 3]	Platform	Platform Gauge	3.6	1675	119.6	0 of 42	normal	-9.7	34 of 42	foul	70.5	0 of 42	normal	48.3			No	-	
94772	PMJ	1100	10.107	Stamford Station [Up Platform]	Platform	Platform Gauge	2.7	1784	74.2	0 of 27	normal	-9.7	19 of 27	foul	65.4	0 of 27	normal	38.1			Yes	-	
58314	SBJ	2100	37.498	Barnham Station [Platform 2]	Platform	Platform Gauge	1.1	1931	122.3	0 of 14	normal	-9.7											

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Comments	23m Route?	OMNICON
51413	TAT	3602	23.331	Tattenham Corner Station [Platform 2]	Platform	Platform Gauge	4.2	2168	127.8	0 of 21	normal	-8.8	11 of 21	foul	75.2	0 of 21	normal	Normal				No	-
138778	WCM2	3609	102.09	Glasgow Central Station [Platform 9]	Platform	Platform Gauge	3.3	2398	67.4	0 of 59	normal	-8.7	31 of 59	foul	64.6	0 of 59	normal	Normal				Yes	-
5948	ECM1	3609	0.0909	Kings Cross Station [Platform 9]	Platform	Platform Gauge	1.1	730	92.6	0 of 34	normal	-8.6	26 of 34	foul	68	0 of 34	normal	Normal				No	-
148328	NCL	1100	29.605	Ground Signal [29 miles, 48 chains, 3 yards]	Signal	Structure Gauging Train LaserFlex	2.1	1685	126.4	0 of 1	normal	-8.6	1 of 1	reduced	0.4	1 of 1	reduced	0.4				No	-
67315	TSN2	3505	123.49	Nottingham Station [Platform 5]	Platform	Platform Gauge	0.8	2238	65.2	0 of 69	normal	-8.6	40 of 69	foul	42.5	1 of 69	reduced	31.1				Yes	-
147775	VTB1	2100	2.9716	Telephone [2 miles, 78 chains, 4 yards]	S&T	Structure Gauging Train LaserFlex	2.1	2307	125.2	0 of 1	normal	-8.6	1 of 1	foul	41.9	1 of 1	reduced	3.9				No	-
69089	VTB3	1200	37.663	Haywards Heath Station [Platform 4]	Platform	Platform Gauge	1	2331	85.4	0 of 50	normal	-8.6	20 of 50	foul	54	0 of 50	normal	22.8				No	-
72934	WEY	2100	129.49	Castle Cary Station [Down Platform 2]	Platform	Platform Gauge	1.4	2423	81.9	0 of 49	normal	-8.6	30 of 49	foul	54.2	0 of 49	normal	27.2				Yes	-
102690	ATH	1100	81.491	One Station [Up Platform 2]	Platform	Platform Gauge	13.3	34	89.6	0 of 12	normal	-8.5	12 of 12	foul	61.8	0 of 12	normal	36.3				No	-
16690	BML1	2100	24.238	Woking Station [Down Platform 4]	Platform	Platform Gauge	0.9	250	108.2	0 of 27	normal	-8.5	24 of 27	foul	65.4	0 of 27	normal	34.9				Yes	-
205636	BML1	2200	0.621	Sign Equipment [0 Miles 48 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2	259	118.6	0 of 1	normal	-8.5	1 of 1	foul	72.2	0 of 1	normal	40.5				Yes	-
102802	BML1	2200	39.764	Winchfield Station [Down Slow Platform 2]	Platform	Platform Gauge	1	268	99.1	0 of 21	normal	-8.5	11 of 21	foul	69.4	0 of 21	normal	46.3				Yes	-
111444	DWW2	1100	1.4813	Mare Street [Bridge No.164]	Underbridge	LaserSweep	5.9	684	132.7	0 of 7	normal	-8.5	6 of 7	foul	74.6	0 of 7	normal	Normal				No	-
76558	GSW	1100	47.53	Auchinleck Station [Up Platform]	Platform	Platform Gauge	1	924	105	0 of 30	normal	-8.5	27 of 30	foul	64.7	0 of 30	normal	36.2				Yes	-
64520	MLG2	1500	14.7	Glenfhirman Station [Up Platform]	Platform	Platform Gauge	1	1406	73.7	0 of 17	normal	-8.5	17 of 17	foul	53.7	0 of 17	normal	31.4				Yes	-
54349	MVW2	2100	23.591	Hebden Bridge Station [Down Platform]	Platform	Platform Gauge	3.9	1610	97.9	0 of 12	normal	-8.5	8 of 12	foul	60.4	0 of 12	normal	29.5				Yes	-
24326	SWA	3601	215.81	Swansea High Street Station [Platform 1]	Platform	Platform Gauge	1.9	2100	68.2	0 of 56	normal	-8.5	30 of 56	foul	44.3	1 of 56	reduced	20.1				Yes	-
72186	VTB1	3616	0.108	Victoria Station [Platform 16]	Platform	Platform Gauge	3	2319	129	0 of 30	normal	-8.5	29 of 30	foul	69.6	0 of 30	normal	31.1				No	-
234276	WEY	3402	109.74	Speed Board [109 Miles 58 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.9	2429	142.2	0 of 1	normal	-8.5	1 of 1	foul	74.2	0 of 1	normal	Normal				Yes	-
122474	BJW2	3200	6.3006	Walsall Station [Up Slow Platform 2]	Platform	Platform Gauge	4.1	205	52.1	0 of 38	normal	-8.4	28 of 38	foul	45.3	1 of 38	reduced	16.1				Yes	-
16037	CBCT	2100	6.2097	Arnsdale Station [Down Platform]	Platform	Platform Gauge	0.8	438	23.6	3 of 29	specialreduced	-8.4	17 of 29	foul	21.3	4 of 29	specialreduced	14.5				Yes	-
95175	ECM1	2200	138.53	Retford Station [Platform 2]	Platform	Platform Gauge	1	713	117.7	0 of 55	normal	-8.4	48 of 55	foul	65.5	1 of 55	reduced	25.7				Yes	-
89487	GSW	1100	65.616	Sanghar Station [Up Platform]	Platform	Platform Gauge	0.5	928	117.6	0 of 27	normal	-8.4	23 of 27	foul	67.9	0 of 27	normal	44.7				Yes	-
58620	SCM3	2100	96.034	Retaining Wall [96 Miles 4 Chains]	Wall	Structure Gauging Train LaserFlex	2.5	1942	3.8	1 of 46	specialreduced	-8.4	1 of 46	foul	3.8	1 of 46	specialreduced	-48.7			Vegetation	Yes	-
72181	VTB1	3610	0.0528	Victoria Station [Platform 10]	Platform	Platform Gauge	3	2316	117.9	0 of 26	normal	-8.4	25 of 26	foul	69.8	0 of 26	normal	46.3				No	-
98694	BKG	2100	16.998	Mill Stream [Bridge No.1428]	Underbridge	Structure Gauging Train LaserFlex	2.2	177	-8.3	1 of 11	foul	-8.3	1 of 11	foul	-8.3	1 of 11	foul	-65.8			Vegetation	No	-
27330	CMO2	2100	16.96	Longspout Station [Down Platform]	Platform	Platform Gauge	1.9	494	90.8	0 of 28	normal	-8.3	13 of 28	foul	66.3	0 of 28	normal	36.9				Yes	-
108953	MVW1	1100	0.0028	Manchester Victoria Station [Platform 6]	Platform	Platform Gauge	4	1576	80.4	0 of 45	normal	-8.3	9 of 45	foul	72.2	0 of 45	normal	Normal				Yes	-
104045	XTD	1100	58.545	Sign [58 Miles 43 Chains]	S&T	Structure Gauging Train LaserFlex	1.9	2571	90.8	0 of 1	normal	-8.3	1 of 1	foul	58.6	0 of 1	normal	27.2				No	-
113852	CAR	1100	16.344	Pengam Station [Up Platform]	Platform	Platform Gauge	0.5	388	122.4	0 of 21	normal	-8.2	21 of 21	foul	73.1	0 of 21	normal	48.9				Yes	-
17238	DJH	2100	13.226	Ramsgrange And Wiltshire Station [Down Platform]	Platform	Platform Gauge	5.4	655	113.8	0 of 8	normal	-8.2	4 of 8	foul	66.6	0 of 8	normal	38.1				Yes	-
25632	RDG1	2200	3.8568	Clapham Junction Station [Platform 6]	Platform	Platform Gauge	4.2	1866	50.6	0 of 44	normal	-8.2	22 of 44	foul	45.9	1 of 44	reduced	26.6				No	-
10893	BAE1	3104	83.488	Salisbury Station [Down Platform 4]	Platform	Platform Gauge	1.2	78	94.2	0 of 69	normal	-8.1	40 of 69	foul	72.9	0 of 69	normal	Normal				Yes	-
111118	BAG2	2100	48.076	Northfield Station [Down Fast Platform 3]	Platform	Structure Gauging Train LaserFlex	1.8	94	114.2	0 of 38	normal	-8.1	2 of 38	foul	76.3	0 of 38	normal	35.4			Vegetation	Yes	-
27881	BKG	2100	2.917	Hackney Downs Station [Down Platform 2]	Platform	Platform Gauge	0.6	175	48.9	2 of 39	reduced	-8.1	24 of 39	foul	45.2	3 of 39	reduced	25.7				No	-
14058	EMT	3100	9.3233	Emmott Station [Single Line Platform]	Platform	Platform Gauge	2.1	841	131.5	0 of 24	normal	-8.1	15 of 24	foul	73.9	0 of 24	normal	28.1				Yes	-
27264	HXS3	2100	2.7034	Boole Oriel Road Station [Down Platform]	Platform	Platform Gauge	0.5	1068	79.7	0 of 26	normal	-8.1	17 of 26	foul	61.5	0 of 26	normal	Normal				No	-
118840	LNK	3602	2.4068	Lanark Station [Platform 2]	Platform	Platform Gauge	0.7	1251	96.7	0 of 18	normal	-8.1	17 of 18	foul	66.8	0 of 18	normal	39.1				No	-
123949	VTB3	3606	50.444	Brighton Station [Platform 6]	Platform	Platform Gauge	0.5	2347	133.5	0 of 51	normal	-8.1	28 of 51	foul	63.6	0 of 51	normal	41				Yes	-
4622	WJL4	3601	193.54	Liverpool Lime Street Station [Platform 1]	Platform	Platform Gauge	5.6	2478	63	0 of 37	normal	-8.1	23 of 37	foul	63	0 of 37	normal	40.4				Yes	-
128430	BML1	2100	75.684	Swanley Station [Down Platform 2]	Platform	Platform Gauge	1.2	257	108.3	0 of 20	normal	-8	19 of 20	foul	68.2	0 of 20	normal	40.4				Yes	-
21681	BBY	1100	8.0561	Barry Town Station [Up Platform]	Platform	Platform Gauge	2.3	513	113.7	0 of 24	normal	-8	24 of 24	foul	67.5	0 of 24	normal	41.3				Yes	-
48185	LTN1	3102	68.662	pswich Station [Platform 2]	Platform	Platform Gauge	2	1324	111.4	0 of 55	normal	-8	29 of 55	foul	74.2	0 of 55	normal	40.3				No	-
50530	MLN1	1100	93.884	Chippenhams Station [Up Main Platform 2]	Platform	Platform Gauge	2.1	1417	133.8	0 of 49	normal	-8	29 of 49	foul	74.2	0 of 49	normal	Normal				Yes	-
46949	WAG1	2100	47.71	Wakefield Kirkgate Station [Platform 3]	Platform	Platform Gauge	1.9	2352	85.8	0 of 40	normal	-8	32 of 40	foul	61.6	0 of 40	normal	35.1				Yes	-
32553	DCL	1200	126.02	Tyseley Station [Up Slow Platform 3]	Platform	Platform Gauge	4.2	636	42.7	1 of 33	reduced	-7.9	19 of 33	foul	42.7	1 of 33	reduced	20.8				Yes	-
34676	GSW	1100	54.841	New Cumnock Station [Up Platform]	Platform	Platform Gauge	2.2	925	143.3	0 of 13	normal	-7.9	13 of 13	foul	72.4	0 of 13	normal	Normal				Yes	-
36102	HBR	1100	7.1233	Hillier Green Station [Up Platform 5]	Platform	Platform Gauge	1.8	965	105	0 of 47	normal	-7.9	7 of 47	foul	69.9	0 of 47	normal	47.6				No	-
4343	LVS	3618	0.0341	Liverpool Street Station [Platform 19]	Platform	Platform Gauge	1.9	1349	14.2	1 of 31	specialreduced	-7.9	9 of 31	foul	14.2	1 of 31	specialreduced	30.3			#DIV/0!	No	-
58632	SBJ	1100	53.103	Charing Station [Platform 1]	Platform	Platform Gauge	6.4	1930	110.7	0 of 15	normal	-7.9	15 of 15	foul	69	0 of 15	normal	41.6				No	-
29673	CNL	3400	4.44.																				

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Comments	23m Route?	OMNICON
27489	WSJ2	2100	189.58	Gobowen Station [Down Main Platform]	Platform	Platform Gauge	1.9	2540	102	0 of 36	normal	-7.1	20 of 36	foul	68	0 of 36	normal	40.5				Yes	-
101389	ECM7	2100	18.522	Pegswood Station [Platform 2]	Platform	Platform Gauge	3	771	68.7	0 of 20	normal	-7	20 of 20	foul	52.2	0 of 20	normal	22.9				Yes	-
106324	EGM1	3603	0	Glasgow Queen Street Station [Platform 3]	Platform	Platform Gauge	6.8	817	54.1	0 of 20	normal	-7	20 of 20	foul	41.7	3 of 20	reduced	16.8				Yes	-
45568	LEN3	1100	60.02	Stockton Station [Up Platform]	Platform	Platform Gauge	2.8	1197	97.2	0 of 10	normal	-7	4 of 10	foul	61	0 of 10	normal	30.8				Yes	-
45569	LEN3	2100	56.949	Eaglescliffe Station [Down Platform 2]	Platform	Platform Gauge	2.8	1200	80.9	0 of 48	normal	-7	33 of 48	foul	59.8	0 of 48	normal	29.5				Yes	-
123947	LTN1	3603	0.0227	Liverpool Street Station [Platform 3]	Platform	Platform Gauge	1.9	1330	54	0 of 35	normal	-7	16 of 35	foul	54	0 of 35	normal	Normal				No	-
101420	MAJ	1100	30.802	Trafford Park Station [Up Platform]	Platform	Platform Gauge	1.8	1364	76.2	0 of 31	normal	-7	16 of 31	foul	55.3	0 of 31	normal	26.6				Yes	-
85105	RED2	3502	22.416	Redhill Station [Platform 2]	Platform	Platform Gauge	0.9	1880	114.7	0 of 26	normal	-7	16 of 26	foul	74.4	0 of 26	normal	Normal				No	-
62915	SJS	3400	142.98	Shourbridge Town Station [Single Line Platform]	Platform	Platform Gauge	4.7	2026	-7	2 of 9	foul	-7	6 of 9	foul	-7	2 of 9	foul	18.1				No	-
137913	TTH	3101	34.338	Tunbridge Wells Station [Platform 1]	Platform	Platform Gauge	16.2	2254	90.8	0 of 47	normal	-7	21 of 47	foul	53.1	0 of 47	normal	26.6				No	-
137547	WCK	3400	28.857	Alness Station [Single Platform]	Platform	Platform Gauge	1.1	2381	116.9	0 of 16	normal	-7	6 of 16	foul	68.2	0 of 16	normal	41.4				Yes	-
94459	WHL	3100	77.753	Underbridge [Bridge No.285B]	Underbridge	Structure Gauging Train LaserFlex	2.9	2454	66.9	1 of 2	reduced	-7	1 of 2	foul	40.7	1 of 2	reduced	-12.4		Vegetation		Yes	-
47746	XTD	3601	13.655	Orpington Station [Platform 1]	Platform	Platform Gauge	21.3	2593	112.3	0 of 26	normal	-7	13 of 26	foul	68.3	0 of 26	normal	41.5				No	-
16195	BEX	1100	7.8659	Kidbrooke Station [Up Platform 1]	Platform	Platform Gauge	1.7	146	139.3	0 of 29	normal	-6.9	6 of 29	foul	75.3	0 of 29	normal	Normal				No	-
99760	HCS3	1100	3.1636	Boote New Strand Station [Up Platform]	Platform	Platform Gauge	2.5	1061	86.4	0 of 27	normal	-6.9	27 of 27	foul	68.6	0 of 27	normal	43				No	-
87619	LEC1	3606	0	Euston Station [Platform 6]	Platform	Platform Gauge	1.4	1163	58.3	0 of 56	normal	-6.9	37 of 56	foul	58.3	0 of 56	normal	44.4				Yes	-
2877	NAY	3601	18.176	Yarmouth Station [Platform 1]	Platform	Platform Gauge	4.4	1624	30.1	2 of 47	reduced	-6.9	10 of 47	foul	30.1	2 of 47	reduced	23				Yes	-
59363	SPC1	1200	29.238	Luton Airport Parkway [Up Slow Platform 1]	Platform	Platform Gauge	4.3	2046	111.1	0 of 52	normal	-6.9	32 of 52	foul	71.8	0 of 52	normal	43.9				Yes	-
22504	CGJ5	2100	21.476	Preston Station [Down Fast Platform 3]	Platform	Platform Gauge	7	470	122.1	0 of 80	normal	-6.8	42 of 80	foul	66.4	0 of 80	normal	33.3				Yes	-
36437	HDR	3103	17.08	Darford Station [Bi Directional Platform 3]	Platform	Platform Gauge	2.2	980	106.8	0 of 41	normal	-6.8	18 of 41	foul	69.2	0 of 41	normal	46				No	-
123074	HNL1	2100	20.464	Triley Mill [Bridge No.203B]	Underbridge	Structure Gauging Train LaserFlex	1.6	1034	-3.2	2 of 7	foul	-6.8	3 of 7	foul	-3.2	2 of 7	foul	-61.1		Vegetation		Yes	-
118431	SCU1	1100	20.235	Oxseas Station [Platform 1]	Platform	Platform Gauge	3.2	1960	71.1	0 of 39	normal	-6.8	28 of 39	foul	55.5	0 of 39	normal	28.1				No	-
113714	SEJ2	3602	51.13	Sherrness On Sea Station [Platform 2]	Platform	Platform Gauge	3.4	1989	70.2	0 of 26	normal	-6.8	19 of 26	foul	50.7	0 of 26	normal	17.6				No	-
70730	WBS1	1100	12.65	Daisy Hill Station [Up Platform]	Platform	Platform Gauge	0.7	2365	101.6	0 of 40	normal	-6.8	2 of 40	foul	63.3	0 of 40	normal	34.6				Yes	-
7488	WHC2	3101	11.675	Roughton Road Station [Single Platform]	Platform	Platform Gauge	3.9	2434	40	1 of 13	reduced	-6.8	7 of 13	foul	40	1 of 13	reduced	9.3				Yes	-
139275	CMP2	3605	188.66	Manchester Piccadilly Station [Platform 5]	Platform	Platform Gauge	1.6	500	72	0 of 70	normal	-6.7	55 of 70	foul	68	0 of 70	normal	46.3				Yes	-
117171	LTN1	1100	23.517	Ingateside Station [Up Platform 1]	Platform	Platform Gauge	1.7	1264	145.7	0 of 26	normal	-6.7	7 of 26	foul	77	0 of 26	normal	Normal				No	-
96968	LTN1	1100	42.138	Kelvedon Station [Platform 1]	Platform	Platform Gauge	1.6	1268	121.2	0 of 26	normal	-6.7	26 of 26	foul	69.7	0 of 26	normal	44.8				No	-
62754	SPC5	1100	98.993	Laceaster Station [Up Platform 3]	Platform	Platform Gauge	2.1	2061	122.6	0 of 61	normal	-6.7	57 of 61	foul	75.2	0 of 61	normal	Normal				No	-
7196	ALC2	3600	6.2659	Four Oaks Station [Up Bay Platform 3]	Platform	Platform Gauge	4.1	19	19.8	11 of 32	specialreduced	-6.6	31 of 32	foul	19.8	11 of 32	specialreduced	4.5				Yes	-
51654	CHW1	2100	13.078	Runcorn East Station [Down Platform]	Platform	Platform Gauge	1.4	489	98.9	0 of 40	normal	-6.6	36 of 40	foul	69.3	0 of 40	normal	45.1				Yes	-
148328	LEC1	2100	83.127	Speed Sign [83 Miles 10 Chains]	Lineside Furniture	Unknown	5.1	1158	100.9	0 of 1	normal	-6.6	1 of 1	foul	40.7	1 of 1	reduced	-13.1				Yes	Fixable Exception
51548	MLN1	2100	107.86	Oldfield Park Station [Down Main Platform]	Platform	Platform Gauge	2.1	1450	126.1	0 of 15	normal	-6.6	8 of 15	foul	70.2	0 of 15	normal	45.8				Yes	-
94586	SAL	2100	114.44	Warrminster Station [Down Platform 2]	Platform	Platform Gauge	3.4	1909	124.3	0 of 22	normal	-6.6	6 of 22	foul	70.5	0 of 22	normal	46.5				Yes	-
226149	SVW2	1100	158.38	Telephone [158 Miles 30 Chains]	S&T	Structure Gauging Train LaserFlex	1.8	2125	127.6	0 of 1	normal	-6.6	1 of 1	foul	44.3	1 of 1	reduced	9.9				Yes	-
185074	BML1	1200	41.929	Sign Equipment [41 Miles 75 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.8	242	137.9	0 of 1	normal	-6.5	1 of 1	foul	55.9	0 of 1	normal	24.5				Yes	-
18548	BML2	1100	98.507	New Milton Station [Up Platform 1]	Platform	Platform Gauge	1.4	283	108.9	0 of 29	normal	-6.5	29 of 29	foul	67.1	0 of 29	normal	38				Yes	-
39455	ECA2	1100	95.475	Curriehill Station [Up Platform]	Platform	Platform Gauge	4.6	692	115.6	0 of 28	normal	-6.5	16 of 28	foul	66.1	0 of 28	normal	43.9				Yes	-
50278	HGL1	1100	151.16	Perth Station [Platform 4]	Platform	Platform Gauge	3.3	1001	105	0 of 101	normal	-6.5	17 of 101	foul	71.4	0 of 101	normal	48				Yes	-
46100	LEN3	1100	98.956	Heworth Station [Up Platform]	Platform	Platform Gauge	3.1	1199	26.1	3 of 36	reduced	-6.5	28 of 36	foul	21.4	5 of 36	specialreduced	-14.5				Yes	Not Reviewed
56910	NDN	1100	153.7	Eggesford Station [Up Line Platform]	Platform	Platform Gauge	0.8	1630	43.7	2 of 14	reduced	-6.5	14 of 14	foul	41.4	5 of 14	reduced	15.2				Yes	-
106736	NCG1	2100	115.43	Elton And Oulton Station [Down Platform]	Platform	Platform Gauge	1.8	1735	107	0 of 18	normal	-6.5	16 of 18	foul	71.4	0 of 18	normal	48				Yes	-
16228	PVS	1100	10.528	Nuneaton Station [Platform 7]	Platform	Platform Gauge	1.7	1799	79.8	0 of 33	normal	-6.5	32 of 33	foul	67.5	0 of 33	normal	37.5				Yes	-
72188	VTB1	3619	0	Victoria Station [Platform 19]	Platform	Platform Gauge	3	2321	77	0 of 73	normal	-6.5	28 of 73	foul	68.4	0 of 73	normal	43.1				No	-
118566	LJT1	3100	27.453	Blaenau Ffestiniog Station [Single Platform]	Platform	Platform Gauge	1.4	1243	20.1	11 of 41	specialreduced	-6.4	41 of 41	foul	20.1	11 of 41	specialreduced	30				No	-
13341	MLN1	2204	245.93	Plymouth Station [Platform 4]	Platform	Platform Gauge	1.5	1466	42.2	1 of 38	reduced	-6.4	29 of 38	foul	42.2	1 of 38	reduced	35				Yes	-
128745	SHB	2100	161.85	Meadowhall Station [Down Platform 4]	Platform	Platform Gauge	2.2	1997	-6	3 of 22	foul	-6.4	14 of 22	foul	-6	3 of 22	foul	1.1				Yes	-
20198	CBC1	1100	4.4608	Waterside [Bridge No.10]	Overbridge	Structure Gauging Train LaserFlex	2.7	431	45.3	3 of 5	reduced	-6.3	1 of 5	foul	45.3	1 of 5	reduced	-55.2				Yes	Fixable Exception
34384	FHR5	1100	17.455	Huncoat Station [Up Platform]	Platform	Platform Gauge	1.4	868	120.8	0 of 17	normal	-6.3	5 of 17	foul	72.9	0 of 17	normal	49				Yes	-
11268	AYR3	2100	10.069	Johnstone Station [Down Platform]	Platform	Platform Gauge	0.6	54	73.3	0 of 39	normal	-6.2	39 of 39	foul	66.9	0 of 39	normal	36				No	-
45109	ETN	2100	93.578	Thetford Station [Down Platform 1]	Platform	Platform Gauge	4.4	846															

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Ftsp A (LSSG)			22.96m SVG Ftsp B (Specific)			20m SVG Ftsp B		Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Normal			
49563	MLN1	2200	6.5273	West Ealing Station [Down Relief Platform 3]	Platform	Platform Gauge	2.6	1456	117.6	0 of 29	normal	-5.5	29 of 29	normal	77	0 of 29	normal	Normal	Yes	-	-	
48601	MPR3	3400	10.628	Minrow Road [Bridge No.43]	Overbridge	Laser Gauging Vehicle	4.2	1568	-5.5	3 of 6	fail	-5.5	3 of 6	fail	-5.5	3 of 6	fail	-34.2	Yes	#DIV/0!	-	
16936	BBM	2100	10.039	Millbrook Station [Down Platform]	Platform	Platform Gauge	1.4	117	101.9	0 of 15	normal	-5.4	10 of 15	normal	70.2	0 of 15	normal	41.6	Yes	-	-	
41548	DOL2	3812	185.8	Leeds Station [Platform 12 (DOL2 185m70ch1tyd HUL4)]	Platform	Platform Gauge	2.2	670	47.2	3 of 68	reduced	-5.4	37 of 68	reduced	47.2	3 of 68	reduced	39.2	Yes	-	-	
133912	MLN3	1100	286.29	St Austell Station [Up Platform 2]	Platform	Platform Gauge	1.4	1521	138.2	0 of 26	normal	-5.4	15 of 26	normal	59.1	0 of 26	normal	32.6	Yes	-	-	
7960	SHB	2100	169.97	Hemmingfield Tunnel [169 Miles 77 Chains]	Tunnel	Structure Gauging Train LaserFlex	1.2	2000	-5.4	9 of 9	fail	-5.4	9 of 9	fail	-5.4	9 of 9	fail	-50	Yes	-	-	
67570	TBH2	2100	28.549	Chichester Station [Platform 1]	Platform	Platform Gauge	1.7	2176	95.9	0 of 51	normal	-5.4	37 of 51	normal	62.8	0 of 51	normal	34.7	Yes	-	-	
138643	WBSS2	2100	15.155	Hindley Station [Down Platform]	Platform	Platform Gauge	0.7	2368	105.3	0 of 42	normal	-5.4	16 of 42	normal	75.7	0 of 42	normal	Normal	Yes	-	-	
66468	AYR4	2100	32.92	Barassat Station [Down Platform]	Platform	Platform Gauge	1	62	113.1	0 of 15	normal	-5.3	14 of 15	normal	69.4	0 of 15	normal	39.5	Yes	-	-	
126226	BAE2	3100	122.49	Speed Board [122 Miles 39 Chains]	S&T	Structure Gauging Train LaserFlex	1.9	83	25.7	1 of 1	reduced	-5.3	1 of 1	fail	25.1	1 of 1	reduced	0.8	Yes	-	-	
222773	BSW	2100	0.7028	Sign [0 Miles 55 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	1.9	323	-5.3	1 of 1	normal	-5.3	1 of 1	normal	-5.3	1 of 1	normal	-55.3	Yes	-	-	
106895	CWL2	3100	37.538	Bulth Road High Level Station [Single Line Platform]	Platform	Platform Gauge	1.6	616	111.9	0 of 24	normal	-5.3	1 of 24	normal	69.3	0 of 24	normal	41.8	Yes	-	-	
102809	GTW1	3206	30.237	Guildford Station [Platform 6 & 7]	Platform	Platform Gauge	1.8	939	64	0 of 60	normal	-5.3	51 of 60	fail	45	1 of 60	reduced	20.6	Yes	-	-	
62099	SDP1	2100	2.4063	Bitterne Station [Platform 2]	Platform	Platform Gauge	1.2	1982	130.9	0 of 16	normal	-5.3	5 of 16	normal	72.7	0 of 16	normal	49.3	Yes	-	-	
138454	SPC8	1100	135.59	Belper Station [Up Platform]	Platform	Platform Gauge	1.4	2067	104.7	0 of 27	normal	-5.3	16 of 27	normal	71.5	0 of 27	normal	47.4	Yes	-	-	
40615	GSW	1100	62.336	Kirkconnell Station [Up Platform]	Platform	Platform Gauge	2.2	927	139.4	0 of 12	normal	-5.2	10 of 12	normal	61.1	0 of 12	normal	37.1	Yes	-	-	
123338	GTW2	2100	57.24	Sandhurst Station [Down Platform]	Platform	Platform Gauge	2	940	132.7	0 of 13	normal	-5.2	10 of 13	normal	74.2	0 of 13	normal	Normal	Yes	-	-	
199324	HDR	3103	17.055	Sign Equipment [17 miles -4 chains- 0 yards]	Lineside Furniture	Structure Gauging Train LaserFlex	1.5	979	107.4	0 of 1	normal	-5.2	1 of 1	normal	63.3	0 of 1	normal	39	No	-	-	
33661	HGL2	3400	68.775	Newtonmore Station [Single Platform]	Platform	Platform Gauge	3.5	1011	101.8	0 of 30	normal	-5.2	12 of 30	normal	70.2	0 of 30	normal	43.8	Yes	-	-	
190640	LEC2	2200	124.5	Rugeley Trent Valley [Down Platform]	Platform	Platform Gauge	1.5	1177	106.3	0 of 28	normal	-5.2	19 of 28	normal	73.5	0 of 28	normal	Normal	Yes	-	-	
54071	VMV2	1100	12.73	Smithy Bridge Station [Up Platform]	Platform	Platform Gauge	0.8	1601	122.9	0 of 17	normal	-5.2	17 of 17	normal	74.2	0 of 17	normal	47.7	Yes	-	-	
2827	SBR	2100	36.573	Baldock Station [Down Platform 2]	Platform	Platform Gauge	1.4	1934	120.1	0 of 35	normal	-5.2	26 of 35	normal	79.1	0 of 35	normal	Normal	Yes	-	-	
565860	WPH1	2100	42.91	Haslemere Station [Platform 1]	Platform	Platform Gauge	2.7	2504	119.5	0 of 60	normal	-5.2	49 of 60	normal	71.7	0 of 60	normal	47.4	Yes	-	-	
15307	BEJ	1100	1.2841	Woodsmoor Station [Up Platform]	Platform	Platform Gauge	3.7	136	142.2	0 of 12	normal	-5.1	3 of 12	normal	66.3	0 of 12	normal	43.3	Yes	-	-	
133274	CWJ	2100	11.317	Harrow And Wealdstone Station [Down Platform 1]	Platform	Platform Gauge	0.6	598	41.1	2 of 27	reduced	-5.1	18 of 27	fail	39.8	2 of 27	reduced	5.9	Yes	-	-	
9488	ECM1	2500	20.256	Welwyn Garden City Station [Platform 4]	Platform	Platform Gauge	0.6	715	81.3	0 of 38	normal	-5.1	38 of 38	normal	60.6	0 of 38	normal	38.2	No	-	-	
109437	FSS3	3600	39.288	Shoeburyness Station [Up Bay Platform 3]	Platform	Platform Gauge	5.7	904	103.3	0 of 12	normal	-5.1	8 of 12	normal	81.1	1 of 12	reduced	-2.4	No	-	-	
62621	NEM5	1100	9.0301	Singer Station [Up Platform]	Platform	Platform Gauge	4.7	1660	118.2	0 of 21	normal	-5.1	14 of 21	normal	68.3	0 of 21	normal	45.6	No	-	-	
95183	SKV1	2100	242	Clapham Station [Down Existing Platform]	Platform	Platform Gauge	1.7	2032	122.9	5 of 21	reduced	-5.1	17 of 21	fail	32.9	5 of 21	reduced	8.6	Yes	-	-	
35639	BBJ	2100	5.9716	Leigham Court [Bridge No.1269]	Tunnel	Structure Gauging Train LaserFlex	2.1	106	-5	4 of 85	normal	-5	4 of 85	normal	-5	4 of 85	normal	-51	No	-	-	
78852	FHR4	3600	10.457	Blackburn Station [Platform 3]	Platform	Platform Gauge	2.7	865	85	0 of 11	normal	-5	8 of 11	normal	61.6	0 of 11	normal	39.7	Yes	-	-	
255504	LEH3	3800	17.24	Ground Signal [17 Miles 19 Chains]	Signal	Structure Gauging Train LaserFlex	2.2	1194	93	1 of 1	reduced	-5	1 of 1	fail	42.5	1 of 1	specialreduced	-8.4	Yes	-	-	
89520	MCJ2	2100	38.093	Aylesbury Station [Down Main Platform 2]	Platform	Platform Gauge	4.2	1378	120.5	0 of 40	normal	-5	36 of 40	fail	76.7	0 of 40	normal	Normal	Yes	-	-	
120392	MPC	1100	11.01	Malden Manor Station [Platform 1]	Platform	Platform Gauge	3.1	1558	61.7	0 of 34	normal	-5	33 of 34	normal	61.7	0 of 34	normal	44.6	No	-	-	
58896	RYH2	2100	8.8625	Woodley Station [Down Platform]	Platform	Platform Gauge	3.5	1899	104.3	0 of 10	normal	-5	1 of 10	fail	76.6	0 of 10	normal	Normal	Yes	-	-	
29001	SEJ2	2100	45.191	Kensley Station [Down Platform]	Platform	Platform Gauge	1.8	1987	114.6	0 of 19	normal	-5	19 of 19	normal	73.3	0 of 19	normal	Normal	No	-	-	
67792	VTB1	1100	8.596	Thornton Heath Station [Platform 4]	Platform	Platform Gauge	3.2	2299	124.8	0 of 20	normal	-5	15 of 20	fail	73.2	0 of 20	normal	48.8	No	-	-	
133132	BKE	2100	36.849	Reading West Station [Down Platform 1]	Platform	Platform Gauge	2.1	208	86.7	0 of 58	normal	-4.9	11 of 58	fail	64.9	0 of 58	normal	42.4	Yes	-	-	
1871	BCK2	2100	4.4903	Kensal Rise Station [Down Platform West]	Platform	Platform Gauge	1.8	303	85.7	0 of 22	normal	-4.9	22 of 22	normal	70.7	0 of 22	normal	44.2	No	-	-	
11783	HH1	1200	0.375	Blackfriars Station [Platform 4]	Platform	Platform Gauge	12.6	1015	80.5	0 of 36	normal	-4.9	26 of 36	fail	53.3	0 of 36	normal	34.2	No	-	-	
189378	LEC4	2200	138.5	Speed Board [138 Miles 39 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	3.2	1183	129.2	0 of 1	normal	-4.9	1 of 1	fail	74.4	0 of 1	normal	Normal	Yes	-	-	
106336	MLN1	1100	205.16	Waggonway East Cliff [Bridge No.20859]	Overbridge	Structure Gauging Train LaserFlex	1.7	1422	105.1	1 of 7	reduced	-4.9	2 of 7	normal	42.4	1 of 7	reduced	35.2	Yes	-	Fixable Exception	
57297	VTB1	2200	9.3261	Saithurst Station [Platform 1]	Platform	Platform Gauge	3.8	2315	75.6	0 of 35	normal	-4.9	7 of 35	normal	73.4	0 of 35	normal	48.2	No	-	-	
63362	WCM2	3610	102.09	Glasgow Central Station [Platform 10]	Platform	Platform Gauge	1.8	2399	25.3	3 of 57	reduced	-4.9	51 of 57	fail	25.3	3 of 57	reduced	57.4	Yes	-	-	
45770	MBW1	3100	3.75	Gypsy Lane Station [Bi-directional Platform]	Platform	Platform Gauge	2.8	1372	122.7	0 of 6	normal	-4.8	6 of 6	fail	71	0 of 6	normal	45.1	Yes	-	-	
54833	PAT	3105	15.088	Purley Station [Platform 5]	Platform	Platform Gauge	3.2	1770	87.1	0 of 64	normal	-4.8	21 of 64	fail	65.4	0 of 64	normal	36.1	No	-	-	
68620	TH1	3100	17.469	Drax Rhonda Station [Single Line Platform]	Platform	Platform Gauge	3	2192	148.8	0 of 22	normal	-4.8	7 of 22	normal	79.9	0 of 22	normal	Normal	No	-	-	
67732	VTB1	1200	4.0205	Wandsworth Common Station [Platform 2]	Platform	Platform Gauge	4.4	2304	112.9	0 of 18	normal	-4.8	9 of 18	fail	71.3	0 of 18	normal	45.9	No	-	-	
74423	XTD	1700	1.7545	London Bridge Station [Platform 5]	Platform	Platform Gauge	0.8	2576	90.4	0 of 65	normal	-4.8	33 of 65	normal	64.1	0 of 65	normal	43.7	No	-	-	
54940	BAL	3100	2.1602	Sarn Station [Single Line Platform]	Platform	Platform Gauge	1.7	97	145	0 of 10	normal	-4.7	9 of 10	normal	79	0 of 10	normal	Normal	Yes	-	-	
71342	CDM2	2100	8.3477	Hale Station [Down Platform]	Platform	Platform Gauge	1.5	462	109.5	0 of 25	normal	-4.7	18 of 25	normal	75.1	0 of 25	normal	Normal	Yes	-	-	
9584	ECM1	2200	41.11	Biggleswade Station [Platform 4]	Platform	Platform Gauge	0.7	712	126.2	0 of 51												

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Only			22.96m SVG Fsp A (LSSG)			22.96m SVG Fsp B (Specific)			20m SVG Fsp B		Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio			
95538	HUL2	2100	30.826	Seiby Station (Down Platform 1)	Platform	Platform Gauge	0.9	1052	51.7	0 of 44	normal	-3.8	37 of 44	foul	51.7	0 of 44	normal	Normal			Yes	-
27249	HXS3	1100	5.1875	Waterloo Station (Up Platform)	Platform	Platform Gauge	2.5	1063	116.9	0 of 27	normal	-3.8	14 of 27	foul	79.2	0 of 27	normal	Normal			No	-
42500	KHL	1100	100.25	King's Park Station (Up Platform)	Platform	Platform Gauge	2.6	1099	96.3	0 of 38	normal	-3.8	25 of 38	foul	79.1	0 of 38	normal	Normal			No	-
14508	LEN3	2100	89.737	Sunderland Station (Down Platform)	Platform	Platform Gauge	3.3	1203	23.4	4 of 43	specialreduced	-3.8	39 of 43	foul	23.4	4 of 43	specialreduced	17.5			Yes	-
4714	LTN1	3804	51.65	Colchester Station (Platform 4)	Platform	Platform Gauge	0.7	1337	89.5	0 of 50	normal	-3.8	27 of 50	foul	77.4	0 of 50	normal	46.2			No	-
3543	MAC3	1100	94.623	Barnetby Station (Up fast Platform 2)	Platform	Platform Gauge	1.7	1350	105.4	0 of 30	normal	-3.8	24 of 30	foul	72.6	0 of 30	normal	45.5			Yes	-
200709	MLN1	1200	8.5994	Miniature Speed Board (8 miles - 47 chains)	Lineside Furniture	Structure Gauging Train LaserFlex	1.8	1431	139.7	0 of 1	normal	-3.8	1 of 1	foul	56.9	0 of 1	normal	20.8			Yes	-
59171	SAC	1100	253.37	Dent Station (Up Platform)	Platform	Platform Gauge	0.7	1904	75.4	0 of 20	normal	-3.8	10 of 20	foul	53.5	0 of 20	normal	25.2			Yes	-
61093	SCU1	1100	12.228	Sanderstead Station (Platform 1)	Platform	Platform Gauge	4.2	1957	102.9	0 of 45	normal	-3.8	28 of 45	foul	66.8	0 of 45	normal	38			No	-
114670	ALC1	1100	3.621	Wyde Green Station (Up Platform)	Platform	Platform Gauge	0.8	111	111.6	0 of 34	normal	-3.7	31 of 34	foul	74.6	0 of 34	normal	43.6			Yes	-
15662	BHL	2100	61.476	Hungerford Station (Down Platform 2)	Platform	Platform Gauge	0.6	195	104.9	0 of 35	normal	-3.7	31 of 35	foul	74.9	0 of 35	normal	Normal			Yes	-
3709	FSS2	2100	35.575	Southeast Central Station (Platform 2)	Platform	Platform Gauge	5	900	110.5	0 of 16	normal	-3.7	8 of 16	foul	72.6	0 of 16	normal	44.2			No	-
127543	HXS1	1100	0.0006	Liverpool Central (Up Single Bore)	Tunnel	Laser Gauging Vehicle	7.9	1054	35.7	56 of 97	specialreduced	-3.7	59 of 97	foul	35.7	56 of 97	specialreduced	15.3			No	-
13070	MLN1	3801	2.125	Kensal Wash Plant Station (Carriage Line 2 Platform)	Platform	Platform Gauge	7.2	1497	117.4	0 of 59	normal	-3.7	9 of 59	foul	72.3	0 of 59	normal	46.8			Yes	-
69709	VIR	2100	7.1489	Penge East Station (Platform 2)	Platform	Platform Gauge	2.4	2271	134	0 of 19	normal	-3.7	4 of 19	foul	80	0 of 19	normal	41.2			No	-
72183	VB1	3612	0.0528	Victoria Station (Platform 12)	Platform	Platform Gauge	3	2317	106.6	0 of 31	normal	-3.7	18 of 31	foul	67.4	0 of 31	normal	36.4			No	-
228920	WVL	3100	8.3398	Retaining Wall (8 Miles 27 Chains)	Wall	Structure Gauging Train LaserFlex	1.5	2563	121.6	0 of 8	normal	-3.7	1 of 8	foul	43.8	1 of 8	reduced	-9.8		Vegetation	Yes	-
5004	ECM1	1200	51.643	St Neots Station (Platform 4)	Platform	Platform Gauge	0.4	701	96.9	0 of 51	normal	-3.6	47 of 51	foul	70.2	0 of 51	normal	42.4			No	-
163518	ECM5	2100	80.049	Sign Equipment (80 Miles 3 Chains)	Lineside Furniture	Structure Gauging Train Laser Rail	4.8	737	109	0 of 1	normal	-3.6	1 of 1	foul	71	0 of 1	normal	Normal			Yes	-
102723	MDL1	2100	32.299	Ravenshorpe Station (Down Platform)	Platform	Platform Gauge	1.7	1383	100.9	0 of 29	normal	-3.5	18 of 29	foul	67.5	0 of 29	normal	40.8			Yes	-
106193	SCM3	1100	118.2	Stirling Station (Platform 3)	Platform	Platform Gauge	1.1	1938	101.1	0 of 60	normal	-3.5	43 of 60	foul	69.8	0 of 60	normal	43.8			Yes	-
245498	VOC	1100	4.7534	Speed Board (4 Miles 60 Chains 6 Yards)	Lineside Furniture	Platform Gauge	1.1	2288	123.8	0 of 1	normal	-3.5	1 of 1	foul	79.6	0 of 1	normal	48.7			Yes	-
72270	WCK	2500	13.016	Muir Of Ord Station (Down Platform)	Platform	Platform Gauge	3.2	2377	142.2	0 of 65	normal	-3.5	21 of 65	foul	78.7	0 of 65	normal	33.4			Yes	-
13947	ATH	3400	80.126	Briscoes (Bridge No.1730)	Overbridge	Structure Gauging Train LaserFlex	1.7	37	-3.4	2 of 2	reduced	-3.4	2 of 2	foul	-3.4	2 of 2	reduced	-1.8			No	-
97284	BML1	3614	0.0574	Waterloo Station (Platform 14)	Platform	Platform Gauge	4.3	281	30.8	2 of 52	reduced	-3.4	8 of 52	foul	30.8	2 of 52	reduced	26.8			Yes	-
1378	EGM1	1100	6.2023	Lenzie Station (Up Platform)	Platform	Platform Gauge	3.5	810	131.4	0 of 32	normal	-3.4	26 of 32	foul	79.4	0 of 32	normal	Normal			Yes	-
47102	MDL1	1100	33.731	Dewsbury Station (Up Platform)	Platform	Platform Gauge	6.1	1381	102	0 of 37	normal	-3.4	22 of 37	foul	71.2	0 of 37	normal	40.5			Yes	-
68971	TH	1100	55.484	Battle Station (Platform 1)	Platform	Platform Gauge	8.7	2250	87.1	0 of 18	normal	-3.4	17 of 18	foul	59.3	0 of 18	normal	30.4			No	-
6864	VIR	1100	3.1468	Brixton Station (Platform 1)	Platform	Platform Gauge	19.8	1239	125.2	0 of 25	normal	-3.4	12 of 25	foul	73.4	0 of 25	normal	Normal			No	-
119031	WCK	2500	101.45	Helmstedt Station (Down Platform)	Platform	Platform Gauge	0.4	2379	42.5	4 of 32	reduced	-3.4	29 of 32	foul	36	9 of 32	reduced	34.2			Yes	-
42491	KHL	1100	98.54	Burnside Station (Up Platform)	Platform	Platform Gauge	4.3	1097	140.2	0 of 28	normal	-3.3	24 of 28	foul	78.4	0 of 28	normal	Normal			No	-
150083	LEC2	1100	96.824	Speed Board (96 Miles 65 Chains)	Lineside Furniture	Unknown	5.3	1171	150.8	0 of 1	normal	-3.3	1 of 1	foul	78	0 of 1	normal	47.7			Yes	-
12166	NEM3	1100	3.5966	Hyndland Station (Up Platform)	Platform	Platform Gauge	1	1657	28.7	3 of 27	reduced	-3.3	25 of 27	foul	28.7	4 of 27	reduced	-2.2			No	-
54281	OXW	3400	0.0028	Oxenholme Station (Single Platform)	Platform	Platform Gauge	2.2	1757	53.5	0 of 33	normal	-3.3	24 of 33	foul	46.2	1 of 33	reduced	20.3			Yes	-
50768	PAT	2100	16.32	Kensley Station (Platform 2)	Platform	Platform Gauge	4.2	1768	143.3	0 of 13	normal	-3.3	11 of 13	foul	79.2	0 of 13	normal	Normal			No	-
21585	BRV	1100	2.475	Cogan Station (Up Platform)	Platform	Platform Gauge	2.3	308	33.2	2 of 25	reduced	-3.2	13 of 25	foul	33.2	2 of 25	reduced	9.9			Yes	-
29122	CWJ	3601	17.644	Watford Junction Station (Bay Platform 1)	Platform	Platform Gauge	3.3	599	79.6	0 of 26	normal	-3.2	19 of 26	foul	57.7	0 of 26	normal	31.5			No	-
37195	EMT	3100	6.2847	Lymington Commando Station (Single Line Platform)	Platform	Platform Gauge	2.1	839	116.7	0 of 11	normal	-3.2	11 of 11	foul	75.8	0 of 11	normal	Normal			Yes	-
100007	FHR6	1100	22.107	Wall (22 Miles 9 Chains)	Wall	Structure Gauging Train LaserFlex	0.7	872	-3.2	1 of 9	foul	-3.2	1 of 9	foul	-3.2	1 of 9	foul	-61.1		Vegetation	Yes	-
35283	FSS1	1100	0	London Fenchurch Street Station (Platform 3)	Platform	Platform Gauge	1.3	883	96.8	0 of 33	normal	-3.2	15 of 33	foul	63.3	0 of 33	normal	31.9			No	-
35281	FSS1	1200	0	London Fenchurch Street Station (Platform 1)	Platform	Platform Gauge	1.3	884	94.9	0 of 28	normal	-3.2	19 of 28	foul	62.3	0 of 28	normal	30.9			No	-
40687	LEC1	3611	1	Euston Station (Platform 11)	Platform	Platform Gauge	1.8	1765	109	0 of 51	normal	-3.2	44 of 51	foul	70.6	0 of 51	normal	Normal			Yes	-
23743	PAA1	1100	32.415	Ash Vale Station (Platform 1)	Platform	Platform Gauge	1.8	1759	113	0 of 19	normal	-3.2	17 of 19	foul	71.6	0 of 19	normal	39.9			No	-
60440	SCP	1100	7.575	Crystal Palace Station (Platform 4)	Platform	Platform Gauge	5.2	1952	97	0 of 40	normal	-3.2	23 of 40	foul	74.5	0 of 40	normal	Normal			No	-
46237	SYV	1100	4.1398	Nantwich Station (Up Main Platform)	Platform	Platform Gauge	1.8	2164	79.5	0 of 27	normal	-3.2	13 of 27	foul	59.1	0 of 27	normal	29.7			Yes	-
121889	TJC1	2802	158.38	Sheffield Station (Platform 2)	Platform	Platform Gauge	6.9	2201	40.8	2 of 75	reduced	-3.2	40 of 75	foul	40.8	2 of 75	reduced	10.8			Yes	-
46443	TJC1	3801	158.4	Sheffield Station (Platform 1)	Platform	Platform Gauge	3.5	2202	-3.2	20 of 68	foul	-3.2	46 of 68	foul	-3.2	20 of 68	foul	18.2			Yes	-
30478	DJP	3100	84.171	Aberdey No.4 (Craig-y-don) (84 Miles 14 Chains)	Tunnel	Laser Gauging Vehicle	3.8	658	-3.1	13 of 98	normal	-3.1	12 of 98	foul	61.3	13 of 98	normal	38.4			Yes	-
15593	DCG2	3610	185.79	Leeds Station (Platform 10 (DCL2))	Platform	Platform Gauge	1.6	668	60.5	0 of 23	normal	-3.1	11 of 23	foul	60.5	0 of 23	normal	39.8			Yes	-
94565	EGS2	1100	1.8222	Carlton Station (Up Platform)	Platform	Platform Gauge	2.2	821	68.7	0 of 21	normal	-3.1	18 of 21	foul	51.4	0 of 21	normal	21.5			Yes	-
29311	GOU2	2100	121.78	Bogston Station (Down Platform)	Platform	Platform Gauge	1.8	915	134.5	0 of 15	normal	-3.1	14 of 15	foul	75.7	0 of 15	normal	Normal				

ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	22.96m SVG Fstp A (LSSG)			22.96m SVG Fstp B (LSSG)			22.96m SVG Fstp B (Specific)			20m SVG Fstp B			Comments	23m Route?	OMNICON
									Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category			
27992	NEC2	1100	52.421	Wall / Fence [52 Miles 33 Chains]	Wall	Structure Gauging Train LaserFlex	3.8	1638	3.1	2 of 7	specialreduced	-2.3	2 of 7	foul	3.1	2 of 7	specialreduced	-42.1			Yes	-	Not Reviewed
54738	NKL	1100	15.302	Slade Green Station [Platform 1]	Platform	Platform Gauge	1.3	1710	127.3	0 of 42	normal	-2.3	31 of 42	foul	76	0 of 42	normal	Normal			No	-	-
68639	TTH	3102	33.852	Wells Tunnel [Tune No.17]	Tunnel	Structure Gauging Train LaserFlex	2	2255	85	3 of 151	foul	-2.3	3 of 151	foul	22.3	3 of 151	foul	59.8		Vegetation	No	-	-
75333	WSJ2	2100	150.41	Newport Road [Bridge No.374]	Underbridge	Structure Gauging Train	12.8	2537	25	0 of 4	normal	-2.3	2 of 4	normal	68.8	0 of 4	normal	-37.6			Yes	-	-
123858	BTH3	2100	33.541	Warnham Station [Down Platform 2]	Platform	Platform Gauge	1.5	351	79.8	0 of 31	normal	-2.2	21 of 31	foul	63.9	0 of 31	normal	34			No	-	-
34911	EGM1	3605	0	Glasgow Queen Street Station [Platform 5]	Platform	Platform Gauge	1.1	818	130.5	0 of 18	normal	-2.2	17 of 18	foul	83.8	0 of 18	normal	Normal			Yes	-	-
58582	ETF	2100	78.84	Bolton Station [Platform 2]	Platform	Platform Gauge	2.5	845	149.1	0 of 15	normal	-2.2	9 of 15	foul	82.8	0 of 15	normal	Normal			Yes	-	-
68339	HDB	1600	9.8244	Gordon Hill Station [Up Bay Platform 1]	Platform	Platform Gauge	0.6	957	81	0 of 26	normal	-2.2	19 of 26	foul	61.6	0 of 26	normal	32.5			No	-	-
137967	BBR	3601	25.78	Bognor Regis Station [Platform 1]	Platform	Platform Gauge	1.4	124	78.2	0 of 49	normal	-2.1	30 of 49	foul	53.8	0 of 49	normal	21.2			No	-	-
29104	CWJ	2100	6.0608	Harlestone Station [Down Platform]	Platform	Platform Gauge	0.6	595	85.1	0 of 25	normal	-2.1	7 of 25	foul	71.7	0 of 25	normal	40.7			Yes	-	-
108868	MRL1	2100	6.4261	Gishochill Station [Down Platform]	Platform	Platform Gauge	1	1574	95.4	0 of 23	normal	-2.1	23 of 23	foul	63.2	0 of 23	normal	36.2			Yes	-	-
64625	NNH	2100	101.55	Muirend Station [Down Platform]	Platform	Platform Gauge	3.1	1729	92.8	0 of 38	normal	-2.1	34 of 38	foul	72.8	0 of 38	normal	47.5			No	-	-
107786	STS	2100	53.466	Southeast Station [Platform 2]	Platform	Platform Gauge	1.5	2087	70.5	0 of 17	normal	-2.1	6 of 17	foul	57.7	0 of 17	normal	29.7			No	-	-
7515	AJUM	3400	138.14	Ambergate Station [Bi-Directional Platform]	Platform	Platform Gauge	0.9	8	-2	19 of 23	foul	-2	20 of 23	foul	-2	19 of 23	foul	17.1			Yes	-	-
100604	COL	2100	115.7	Underbridge [Bridge No.113A]	Underbridge	Structure Gauging Train LaserFlex	1.7	453	-2	1 of 3	foul	-2	1 of 3	foul	-2	1 of 3	foul	-59.7		Vegetation	Yes	-	-
55708	DCL	3900	63.625	Oxford Station [Goods Dock]	Platform	Platform Gauge	2.3	654	110.3	0 of 15	normal	-2	10 of 15	foul	45.3	2 of 15	reduced	-9.4			Yes	-	Not Reviewed
37734	HGG1	2100	24.088	Old Manor Road [Bridge No.855]	Underbridge	Structure Gauging Train LaserFlex	2	996	-2	1 of 5	foul	-2	1 of 5	foul	-2	1 of 5	foul	-49.5		Vegetation	No	-	-
118792	LVS	3613	0.0244	Liverpool Street Station [Platform 13]	Platform	Platform Gauge	1.8	1344	46.7	1 of 35	reduced	-2	14 of 35	reduced	46.7	1 of 35	reduced	-14.7			#DIV/0!	-	-
15298	BEJ	1100	4.3068	Middlewood Station [Up Platform]	Platform	Platform Gauge	1.3	137	27.7	1 of 23	reduced	-1.9	1 of 23	reduced	27.7	1 of 23	reduced	-8.5			Yes	-	Not Reviewed
9264	ECM1	1300	2.4716	Finnsbury Park Station [Up Goods Platform]	Platform	Structure Gauging Train LaserFlex	2.1	703	81.4	0 of 26	normal	-1.9	23 of 26	foul	67.1	0 of 26	normal	35.8			No	-	-
107414	ECM1	1801	155.86	Doncaster Station [Platform 1 Up Loop]	Platform	Platform Gauge	2.9	705	99.8	0 of 51	normal	-1.9	48 of 51	foul	73.2	0 of 51	normal	45.6			Yes	-	-
249583	ETN	2100	104.54	Fence [104 Miles 42 Chains]	Wall	Structure Gauging Train LaserFlex	2.2	847	78.4	1 of 3	reduced	-1.9	2 of 3	foul	49.1	2 of 3	reduced	-8.7			Yes	-	Not Reviewed
7333	NOL	2100	12.094	Reedham Station [Down Platform]	Platform	Platform Gauge	2.4	1739	128	0 of 40	normal	-1.9	12 of 40	foul	45.5	1 of 40	reduced	-2.5			Yes	-	Not Reviewed
110047	TBH1	1501	37.632	Horsham Station [Platform 1]	Platform	Platform Gauge	1.8	2172	136.6	0 of 54	normal	-1.9	13 of 54	foul	75.5	0 of 54	normal	46			No	-	-
98865	BBJ	1100	8.671	Crystal Palace Station [Up Platform 1]	Platform	Platform Gauge	4.3	104	28	2 of 32	reduced	-1.8	27 of 32	foul	28	3 of 32	reduced	0			No	-	-
28182	BGK	1100	33.27	Stansted Mountfichet Station [Up Platform 1]	Platform	Platform Gauge	5.2	166	83.2	0 of 32	normal	-1.8	32 of 32	foul	59.6	0 of 32	normal	30.2			No	-	-
61264	RDG1	3101	28.92	Ascot Station [Platform 1]	Platform	Platform Gauge	3.6	1870	100.1	0 of 44	normal	-1.8	24 of 44	foul	54.9	0 of 44	normal	13.5			Yes	-	-
29728	TJG3	3601	221.18	Skepton Station [Up Bay Platform 1]	Platform	Platform Gauge	1.7	2218	19.8	3 of 22	specialreduced	-1.8	15 of 22	foul	19.8	3 of 22	specialreduced	0.1			Yes	-	-
63653	WC2M	2100	87.68	Cheddington Station [Platform 1]	Platform	Platform Gauge	2.2	2391	151.9	0 of 17	normal	-1.8	15 of 17	foul	82.4	0 of 17	normal	Normal			Yes	-	-
110201	ARG1	1100	0.1091	Rutherglen Station [Up Platform]	Platform	Platform Gauge	0.8	28	36.5	3 of 27	reduced	-1.7	27 of 27	foul	36.5	3 of 27	reduced	40.1			No	-	-
16371	BML1	1200	14.31	Esher Station [Up Slow Platform 1]	Platform	Platform Gauge	0.8	238	134.7	0 of 26	normal	-1.7	18 of 26	foul	71.7	0 of 26	normal	44.3			Yes	-	-
139596	CAM	2100	9.6045	Treforest Estate Station [Down Platform]	Platform	Platform Gauge	1.3	372	107.4	0 of 37	normal	-1.7	28 of 37	foul	81.8	0 of 37	normal	Normal			No	-	-
135059	CBC3	2100	23.497	Dalston Station [Down Platform]	Platform	Platform Gauge	1.2	445	106.1	0 of 23	normal	-1.7	17 of 23	foul	69	0 of 23	normal	40.9			Yes	-	-
113734	CWV3	1100	4.9	Bickton Station [Up Platform]	Platform	Platform Gauge	2.1	606	121.4	0 of 27	normal	-1.7	8 of 27	foul	74.3	0 of 27	normal	49			No	-	-
93253	ECM6	2200	22.156	Thirsk Station [Platform 2]	Platform	Platform Gauge	1.3	738	103.2	0 of 31	normal	-1.7	30 of 31	foul	75	0 of 31	normal	Normal			Yes	-	-
133275	HDR	1100	18.999	Stone Crossing Station [Up Platform 1]	Platform	Platform Gauge	2.4	968	151.9	0 of 29	normal	-1.7	22 of 29	foul	82.3	0 of 29	normal	Normal			No	-	-
95341	MLN1	2200	38.604	Tilehurst Station [Down Relief Platform 3]	Platform	Platform Gauge	0.7	1464	64.6	0 of 32	normal	-1.7	21 of 32	foul	50.2	0 of 32	normal	18.8			Yes	-	-
55349	NAJ2	2200	0.0875	South Ruislip Station [Down Platform]	Platform	Platform Gauge	4	1620	112.8	0 of 44	normal	-1.7	32 of 44	foul	82.3	0 of 44	normal	Normal			Yes	-	-
13660	TBH2	1100	28.78	Ground Signal [28 Miles 62 Chains]	Signal	Structure Gauging Train LaserFlex	2	2177	118	0 of 1	normal	-1.7	1 of 1	foul	73.2	0 of 1	normal	21.9			Yes	-	-
9568	ECM1	1200	14.422	Brookmans Park Station [Platform 1]	Platform	Platform Gauge	0.9	700	92.8	0 of 26	normal	-1.6	19 of 26	foul	67.2	0 of 26	normal	41.5			No	-	-
122348	HDR	2100	12.761	Albany Park Station [Down Platform 2]	Platform	Platform Gauge	1.5	974	134.4	0 of 50	normal	-1.6	29 of 50	foul	80.7	0 of 50	normal	Normal			No	-	-
130687	LCH	1100	12.34	Eden Park Station [Up Platform 1]	Platform	Platform Gauge	3.5	1143	51.5	0 of 63	normal	-1.6	50 of 63	foul	51.5	0 of 63	normal	7.9			No	-	-
43908	LTN1	1100	3.9591	Stratford Station [Platform 5]	Platform	Platform Gauge	0.5	1258	86.9	0 of 55	normal	-1.6	29 of 55	foul	74.4	0 of 55	normal	49			No	-	-
250992	LTN1	1152	0.8341	Parapet Wall / Fence [0 Miles 66 Chains]	Wall	Structure Gauging Train LaserFlex	1.2	1275	-1.6	3 of 64	foul	-1.6	3 of 64	foul	-1.6	3 of 64	foul	-59.2		Vegetation	No	-	-
13100	MLN1	2602	245.99	Plymouth Station [Platform 2 West]	Platform	Platform Gauge	13.5	1470	29	2 of 19	reduced	-1.6	10 of 19	foul	27.3	2 of 19	reduced	9.9			Yes	-	-
53880	NFE	2100	15.211	Grange Vale [Bridge No.1240 (Geogis)]	Underbridge	Structure Gauging Train LaserFlex	2.1	1674	81.1	1 of 3	reduced	-1.6	1 of 3	foul	55	1 of 3	reduced	0.9		Vegetation	No	-	-
112354	SMU2	1100	11.319	Moorhorne Station [Up Platform]	Platform	Platform Gauge	1.8	2036	132.1	0 of 29	normal	-1.6	14 of 29	foul	82.1	0 of 29	normal	Normal			Yes	-	-
69033	VIR	3607	0	Victoria Station [Platform 7]	Platform	Platform Gauge	21.6	2286	67.9	0 of 32	normal	-1.6	11 of 32	foul	48.5	1 of 32	reduced	16.4			No	-	-
127473	ECM1	2200	4.2125	Turpin Lane [Bridge No.25A]	Underbridge	Structure Gauging Train LaserFlex	3.6	708	112.1	0 of 6	normal	-1.5	4 of 6	foul	45.8	3 of 6	reduced	-6.9			No	-	-
89767	MCJ1	3604	205.8	Marylebone Station [Platform 4]	Platform	Platform Gauge	3.4	1377	110	0 of 27	normal	-1.5	23 of 27	foul</									

									22.96m SVG Only			22.96m SVG Ftsp A (LSSG)			22.96m SVG Ftsp B (Specific)			20m SVG Ftsp B					
ID	ELR	Line	Start	Structure Name	Type	Survey Method	Age	Plot Number	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Min	Sub-Ratio	Category	Comments	23m Route?	OMNICON
4507	MVL3	3104	25.675	Huddersfield Station [Loop Platform 4]	Platform	Platform Gauge	2.3	1595	106.8	0 of 23	normal	-0.7	21 of 23	foul	70.1	0 of 23	normal	39.4				Yes	-
101225	PBN	1100	14.263	Poulton-le-fyde Station [Up Platform]	Platform	Platform Gauge	16.3	1771	57.9	0 of 72	normal	-0.7	45 of 72	foul	47.7	1 of 72	reduced	20.4				Yes	-
58945	RSJ	1100	30.456	Dorking West Station [Platform 1]	Platform	Platform Gauge	0.6	1890	125.3	0 of 23	normal	-0.7	15 of 23	foul	78.4	0 of 23	normal	Normal				Yes	-
46934	TJC3	1100	205.99	Shipley Station [Up Platform]	Platform	Platform Gauge	1.9	2211	42.3	2 of 28	reduced	-0.7	15 of 28	foul	42.3	2 of 28	reduced	19.9				Yes	-
8769	MAS	2100	167.42	Carrs [Bridge No.47]	Overbridge	Structure Gauging Train LaserFlex	3.2	1371	-0.6	2 of 2	foul	-0.6	2 of 2	foul	-0.6	2 of 2	foul	-39.6				Yes	-
106622	PWS2	1100	42.291	St Peters Street / Buckland Road [Bridge No.945]	Overbridge	Structure Gauging Train LaserFlex	2.8	1804	-0.6	3 of 3	foul	-0.6	3 of 3	foul	-0.6	3 of 3	foul	-15				No	-
7366	SHB	1100	171.54	Aburns Only [Bridge No. 62]	Overbridge	Structure Gauging Train LaserFlex	2.3	1996	-0.6	2 of 7	foul	-0.6	2 of 7	foul	-0.6	2 of 7	foul	-58.4		Vegetation		Yes	-
65998	STY	1100	7.1739	Burnage Station [Up Platform]	Platform	Platform Gauge	0.7	2093	152.8	0 of 24	normal	-0.6	22 of 24	foul	82.7	0 of 24	normal	44.9				Yes	-
207293	CNH3	2200	179.76	Ground Signal [179 Miles 61 Chains]	Signal	Structure Gauging Train LaserFlex	2.6	531	145.6	0 of 1	normal	-0.5	1 of 1	foul	63	0 of 1	normal	28.9				Yes	-
37220	ESB	3100	3.5119	Wanerslow Upton Town [Bridge No.3411H]	Underbridge	Structure Gauging Train LaserFlex	1.9	944	-0.5	1 of 4	foul	-0.5	1 of 4	foul	-0.5	1 of 4	foul	-50		Vegetation		No	-
39169	LEC1	1200	40.014	Leighton Buzzard Station [Up Slow Platform 4]	Platform	Platform Gauge	1.1	1156	122.3	0 of 54	normal	-0.5	52 of 54	foul	76.8	0 of 54	normal	Normal				Yes	-
116906	MLN1	1100	113.72	Keynsham Station [Up Main Platform 2]	Platform	Platform Gauge	3.5	1419	125.2	0 of 42	normal	-0.5	38 of 42	foul	78	0 of 42	normal	Normal				Yes	-
51897	MUN3	1100	272.25	Pendalake Viaduct [Bridge No.27220H]	Viaduct	Structure Gauging Train LaserFlex	1.7	1514	58.9	0 of 18	normal	-0.5	1 of 18	foul	56	0 of 18	normal	17.8				Yes	-
63908	NOB1	2100	29.555	Hykeham Station [Down Platform]	Platform	Platform Gauge	0.8	1734	130.7	0 of 20	normal	-0.5	16 of 20	foul	76.8	0 of 20	normal	Normal				Yes	-
60981	RDG1	1100	18.966	Staines Station [Platform 1]	Platform	Platform Gauge	0.7	1841	89.6	0 of 42	normal	-0.5	3 of 42	foul	61.1	0 of 42	normal	34.8				Yes	-
65237	SJO1	2100	34.127	Kirkdale Station [Down Platform]	Platform	Platform Gauge	1	2018	132.2	0 of 16	normal	-0.5	14 of 16	foul	77.1	0 of 16	normal	Normal				No	-
68754	VTB3	3202	26.501	Gatwick Airport Station [Platform 2]	Platform	Platform Gauge	1	2339	126.7	0 of 51	normal	-0.5	41 of 51	foul	77.2	0 of 51	normal	Normal				No	-
965	CAT	2100	4.2233	Denmark Hill Station [Down Platform 4]	Platform	Platform Gauge	2.3	410	115.1	0 of 18	normal	-0.4	17 of 18	foul	77.7	0 of 18	normal	Normal				No	-
30806	DJP	3100	129.33	Penrychain Station [Single Line Platform]	Platform	Platform Gauge	1.8	662	48.9	1 of 29	reduced	-0.4	22 of 29	foul	45.2	4 of 29	reduced	12.2				Yes	-
110356	GSW	1100	115.16	Gretna Green Station [Up Platform]	Platform	Platform Gauge	0.8	937	126.3	0 of 26	normal	-0.4	24 of 26	foul	75.7	0 of 26	normal	49.8				Yes	-
217630	UCJ	1300	0.3125	Ground Signal CE27 [0 Miles 25 Chains]	Signal	LaserSweep	1.8	2257	111	0 of 1	normal	-0.4	1 of 1	foul	46.9	1 of 1	reduced	-12.3				Yes	Fixable Exception
40246	CBG1	2100	3.6352	Silverdale Station [Down Platform]	Platform	Platform Gauge	0.8	437	120.7	0 of 32	normal	-0.3	27 of 32	foul	59.2	0 of 32	normal	28.7				Yes	-
52967	DCJ2	3613	185.5	Leeds Station [Platform 13 [DCL2]]	Platform	Platform Gauge	1.6	669	37.1	3 of 28	reduced	-0.3	26 of 28	foul	37.1	3 of 28	reduced	26.2				Yes	-
28372	DSE	2100	5.6415	Huyton Station [Down Platform]	Platform	Platform Gauge	2.8	676	41	1 of 26	reduced	-0.3	25 of 26	foul	41	1 of 26	reduced	41.6				Yes	-
119997	HNS	3400	1.5813	Reddish South Station [Single Platform]	Platform	Platform Gauge	1.7	1037	123.8	0 of 32	normal	-0.3	8 of 32	foul	68.7	0 of 32	normal	45.1				Yes	-
45794	LEN3	1100	64.549	Billingham Station [Up Platform]	Platform	Platform Gauge	1.7	1198	140.6	0 of 12	normal	-0.3	10 of 12	foul	59	0 of 12	normal	30.3				Yes	-
49136	MLN1	2100	163.04	Taunton Station [Down Main Platform 3]	Platform	Platform Gauge	1.1	1453	61.8	0 of 37	normal	-0.3	4 of 37	foul	47.9	1 of 37	reduced	14.5				Yes	-
52038	MLN1	2200	30.938	Twyford Station [Down Relief Platform 3]	Platform	Platform Gauge	1	1463	130.9	0 of 26	normal	-0.3	16 of 26	foul	78.2	0 of 26	normal	Normal				No	-
59642	RBS1	3806	112.79	Birmingham New Street [Platform 6]	Platform	Platform Gauge	4.1	1814	16.7	10 of 66	specialreduced	-0.3	59 of 66	foul	16.7	10 of 66	specialreduced	34.9				Yes	-
45053	SPD3	2100	98.104	Gainsborough Lea Road Station [Down Main Platform]	Platform	Platform Gauge	3.1	2070	40.1	2 of 33	reduced	-0.3	9 of 33	foul	40.1	2 of 33	reduced	13.5				Yes	-
34970	WEY	2100	105.68	Trowbridge Station [Down Platform 2]	Platform	Platform Gauge	1.5	2419	114.3	0 of 24	normal	-0.3	11 of 24	foul	74.5	0 of 24	normal	Normal				Yes	-
23898	CNH3	1100	191.53	Flint Station [Up Platform]	Platform	Platform Gauge	1.6	517	129	0 of 19	normal	-0.2	11 of 19	foul	78.9	0 of 19	normal	Normal				Yes	-
41222	CWL2	1100	12.278	Knighton Station [Up Loop Platform]	Platform	Platform Gauge	1.6	612	75.9	0 of 21	normal	-0.2	19 of 21	foul	53.7	0 of 21	normal	29.5				Yes	-
108068	EMT	2100	4.275	Topsham Station [Down Platform 1]	Platform	Platform Gauge	1.8	834	135.6	0 of 30	normal	-0.2	21 of 30	foul	52.2	0 of 30	normal	17				Yes	-
24355	MAC3	3601	112.36	Cleethorpes Station [Bi-directional Platform 1]	Platform	Platform Gauge	4	1357	114.9	0 of 23	normal	-0.2	15 of 23	foul	79.2	0 of 23	normal	Normal				Yes	-
133998	MVNZ	2100	13.8	Littleborough Station [Down Platform]	Platform	Platform Gauge	0.4	1608	97.3	0 of 31	normal	-0.2	31 of 31	foul	70.4	0 of 31	normal	42.3				Yes	-
8277	NOL	2100	9.9597	Cantley Station [Down Platform 2]	Platform	Platform Gauge	3.4	1738	124.6	0 of 23	normal	-0.2	11 of 23	foul	79.2	0 of 23	normal	Normal				Yes	-
65257	SJO2	1100	3.5159	Walton Station [Up Platform]	Platform	Platform Gauge	1	2019	152.5	0 of 37	normal	-0.2	3 of 37	foul	85.7	0 of 37	normal	Normal				No	-
111228	SSV	2600	29.025	Wickford Station [Platform 1]	Platform	Platform Gauge	3.3	2076	98.4	0 of 17	normal	-0.2	13 of 17	foul	62.7	0 of 17	normal	36.9				No	-
71517	VIR	1100	72.356	Westgate On Sea Station [Platform 1]	Platform	Platform Gauge	3.3	2264	123	0 of 27	normal	-0.2	19 of 27	foul	79.2	0 of 27	normal	Normal				No	-
479	VWV	3600	19.15	Weybridge Station [Platform 1]	Platform	Platform Gauge	13.3	2351	127.9	0 of 18	normal	-0.2	16 of 18	foul	79.5	0 of 18	normal	Normal				No	-
122068	BRY	2100	6.9188	Barry Dock Station [Down Platform]	Platform	Platform Gauge	2.5	317	65	0 of 35	normal	-0.1	30 of 35	foul	61.1	0 of 35	normal	33.9				Yes	-
40245	CBG1	1100	19.309	Ulverston Station [Up Platform]	Platform	Platform Gauge	2.4	433	41.4	1 of 22	reduced	-0.1	12 of 22	foul	41.4	1 of 22	reduced	10.9				Yes	-
9042	CCH	3100	7.8356	Six Mile Bottom Station [Single Platform]	Platform	Structure Gauging Train LaserFlex	2.2	450	107.9	0 of 18	normal	-0.1	5 of 18	foul	81.5	0 of 18	normal	Normal				Yes	-
29707	CWK3	2100	4.9	Bidston Station [Down Platform]	Platform	Platform Gauge	2.3	608	125	0 of 27	normal	-0.1	8 of 27	foul	79.8	0 of 27	normal	Normal				No	-
26542	DWW2	2100	4.8131	Stratford Low-Level Tunnel [5 Miles 65 Chains 1 Yard]	Tunnel	Laser Gauging Vehicle	7.8	687	-0.1	8 of 16	foul	-0.1	8 of 16	foul	-0.1	8 of 16	foul	-15.9				No	-
40043	LBW	1200	2.8341	New Cross Gate Station [Platform 5]	Platform	Platform Gauge	3.3	1124	143.6	0 of 20	normal	-0.1	16 of 20	foul	69.6	0 of 20	normal	45.7				No	-
57483	SDP2	1100	84.574	The Gillies [Bridge No.1]	Underbridge	Structure Gauging Train LaserFlex	2	1983	108.7	0 of 3	normal	-0.1	1 of 3	foul	77.3	0 of 3	normal	41.4		Vegetation		Yes	-
146013	SPC5	2200	111.25	Sign [111 Miles 23 Chains]	Lineside Furniture	Structure Gauging Train LaserFlex	2.2	2064	125.6	0 of 1	normal	-0.1	1 of 1	foul	47.5	1 of 1	reduced	-9.9				Yes	Fixable Exception
153102	SWM1	2100	95.928	Retaining Wall [95 Miles 75 Chains]	Wall	Structure Gauging Train LaserFlex	1.8	2108	-0.1	2 of 21	foul	-0.1	2 of 21	foul	-0.1	2 of 21	foul	-46.9		Vegetation		Yes	-
22474	CGJ5	1100	21.464	Preston Station [Up Fast Platform 4]	Platform	Platform Gauge	7.7	468	38.6	2 of 41	reduced	0	21 of 41	foul	38.6	2 of 41	reduced	13.4				Yes	-
140513	CNN	1100	9.5636	Sign [9 Miles 45 Chains]	S&T	Structure Gauging Train Laser Rail	6.9	540	60.1	0 of 1	normal	0	1 of 1	foul	60.1	0 of 1	normal	Normal				Yes	-
124307	CWJ	1100	3.6466	Queens Park Station Footbridge [Bridge No.21]	Overbridge	Structure Gauging Train LaserFlex	2.1	583	0	2 of 3	foul	0	2 of 3	foul	0	2 of 3	foul	-14.2				No	-
84216	DCJ2	3604	185.76	Leeds Station [Platform 4 [DCL2]]	Platform	Platform Gauge	1.7	867	109.1	0 of 29	normal	0	27 of 29	foul	81.4	0 of 29	normal	Normal				Yes	-
42654	LEC2	1200	97.125	Nuneaton Station [Up Slow Platform 5]	Platform	Platform Gauge	1.7	1172	95	0 of 71	normal	0	32 of 71	foul	72.5	0 of 71	normal	43.6				Yes	-
46676	MVB	3100	2.6	Marlow Station [Single Line Platform]	Platform	Platform Gauge	1.3	1611	95.1	0 of 13	normal	0	8 of 13	foul									

Appendix E

22.96m SVG One Third Two Thirds Door Configuration Special Reduced and Reduced Structures List

Appendix F

22.96m SVG End Door Configuration Exception Structures List and Plots

Appendix G
22.96m SVG End Door Configuration
Special Reduced and Reduced Structures List

Appendix H

ArcGIS Interactive Map

Appendix I

Summary of 23m Rolling Stock Acceptance

Appendix J

Excel Results Listings

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