

**National Asset Delivery  
Technical Surveys and Testing**

**609248-P-02**

**Area 14 Network-Wide Road Markings  
and Road Studs Retro-Reflectivity  
Survey**

**Site Information**

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FOR INFORMATION ONLY  
DO NOT COMPLETE AT THIS STAGE

## 1 SITE INFORMATION

### 1.1 Site boundary, extents and access arrangements

The survey area is the Highways England Operational Area AD14 within the Yorkshire & North-East Region.

The survey is to cover all lanes of all routes with a total of 1324.268 km as per the route sections summary lengths provided as Appendix A.

The survey area is inclusive of mainline carriageway, slip roads and circulatory routes as summarised below.

#### 1. A1(M) J49 Dishforth to J56 Barton

- D3M Three-lane motorway
- Survey inclusive of all slip roads and circulatory carriageways at grade separated junctions
- OSGR 436939E, 472843N to 421740E, 508138N

#### 2. A168 Dishforth Interchange – link road between A1(M) J49 Dishforth and A168/A19

- S2 Single carriageway with circulatory links to A168 link road
- OSGR 436958E, 472914N to 437596E, 473394N

#### 3. A1(M) J56 Barton to J65 Birtley

- D2M two-lane motorway
- Crawler lane provision widening to 3 lanes between junctions 60-61 and 62-61.
- Survey inclusive of all slip roads and circulatory carriageways at grade separated junctions
- OSGR 421740E, 508138N to 428372E, 556007N
- Major projects in area between A1M Birtley J65 – Coal House J67, traffic management restrictions in place.

#### 4. A66M - A1M J57 to Blackwell Roundabout

- D2M Two-lane motorway from Cleasby interchange from A1(M) J57 NB exit to Blackwell roundabout
- OSGR 424060E, 511246N to 424085E, 511233N

#### 5. A66 Blackwell Roundabout – Teesside Park

- S2 Single carriageway Blackwell roundabout to Little Burdon roundabout
- D2 APTR Dual carriageway Little Burdon roundabout to Teesside Park
- OSGR 424196E, 511509N to 447104E, 518806N

#### 6. A66 Scotch Corner – Cumbrian Border

- D2APTR dual carriageway and S2 single carriageway
- OSGR 421404E, 505294N to 389390E, 512429N

**7. A194M Birtley – Whitemare Pool**

- D2M Two-lane motorway.
- Grade separated junction liability for slip roads only.
- Include A194M/A184 Whitemare Pool roundabout.
- OSGR 428372E, 556007N to 431137E, 561343N

**8. A195 Washington Highway - Washington J64 to Emerson interchange**

- D2 APTR dual carriageway
- Includes A1(M) slip roads
- A195 mainline carriageway only to Emerson interchange.
- OSGR 428387E, 555568N to 428509E, 554579N

**9. A1 Birtley to Seaton Burn – Newcastle & Gateshead Western Bypass**

- D2 APTR Dual carriageway
- OSGR 428372E, 556007N to 423256E, 574519N
- Major projects at Scotswood to North Brunton traffic management restrictions in place.

**10. A1 Seaton Burn – Warreners House**

- D2 APTR dual carriageway
- Survey area inclusive of all grade separated junction slips and circulatory carriageways
- OSGR 423256E, 574519N to 418224E, 588646N

**11. A1 Warreners House – Scottish Border**

- S2 single carriageway sections Warreners house to Felton, Denwick to North Charlton, Ellingham to Berwick
- D2 APTR dual carriageway sections Felton to Denwick, North Charlton to Ellingham, Berwick to Scottish Border
- Predominantly at grade junctions where LA routes adjoin the trunk road.
- Grade separated junction at Warreners House, Alnwick, Denwick,
- Survey area inclusive of all grade separated junction slips and circulatory carriageways
- OSGR 418224E, 588646N to 397387E, 657049N

**12. A19 Seaton Burn – Tyne Tunnel**

- D2 APTR dual carriageway
- Survey includes A1(T) slip roads, link to circulatory carriageways Fisher Lane and Moor Farm, and grade separated junctions along route
- OSGR 423256E, 574519N to 432963E, 567368N

**13. A184 - Whitemare Pool – Testos**

- D2 APTR dual carriageway
- OSGR 431137E, 561343N to 433750E, 560922N

**14. A696 - Kenton Bar – Prestwick Roundabout**

- D2 APTR dual carriageway
- Survey includes Newcastle airport and Prestwick roundabouts.
- OSGR 421209E, 567961N to 418308E, 571343N

**1.2 Pavement**

All carriageways services are asphalt.

**1.3 Geotechnical**

There are no known geotechnical issues with the potential to impede the proposed survey.

**1.4 Statutory Undertakers**

The non-intrusive survey techniques shall not have a bearing on any statutory undertaker's apparatus.

**1.5 Soft Estate and Environment**

The carriageway is typically abutted grassed verge with hedgerow and boundary fence. The parking of vehicles on the Highways England owned soft estate is prohibited.

**1.6 Lighting**

Light column location and specification available on request, if necessary.

**1.7 Scheme Specific Requirements**

Scheme Specific Requirements			
	Yes	No	Comments
Does a H&S file exist?		✓	CDM Regs 2015 do not apply to this type of survey.
Site Welfare	✓		Contractor is expected to make use of nearest maintenance depot or service station, to be advised by Supervisor / Highways England Representative, and welfare facilities adjacent to the network.
Are there requirements for site security?	✓		Contractor is responsible for own survey equipment and vehicles at all times

Scheme Specific Requirements			
Are there any restrictions on vehicle movements?	✓		<p>Survey vehicle must abide by the following;</p> <ol style="list-style-type: none"> <li>1. No parking on Highways England soft estate.</li> <li>2. Stopping on motorway hard shoulder is for restricted to 15minutes.</li> <li>3. No parking on the trunk road, except for at purpose locations such as laybys, or suitable off-network parking locations.</li> <li>4. No reversing on the network.</li> <li>5. Surveys to be undertaken at traffic speed and no less than 20mph below the designated speed limit.</li> <li>6. All vehicles to be demarcated for highway maintenance complying with the requirements of the Traffic Signs Manual Chapter 8.</li> </ol>
Are there any restrictions on deliveries, waste collection, or storage?	✓		
Are there any parking restrictions?	✓		<ol style="list-style-type: none"> <li>1. No parking on Highways England soft estate.</li> <li>2. Stopping on motorway hard shoulder is for restricted to 15minutes.</li> <li>3. No parking on the trunk road, except for at purpose locations such as laybys, or suitable off-network parking locations.</li> </ol>
Height Restrictions (Structures & OH Cables)		✓	Have overhead cables been identified on site? NO – survey vehicle not expected to affect OH cables. Plans showing location of cables shall be provided by Highways England with the pre-start/ CDM PCI packages
Are emergency procedures and means of escape required?	✓		The Contractor shall ensure that emergency procedure plans are in place and all staff have been safety briefed.
Are there any areas in or around the site classified as no-go areas?		✓	
Are there any noise restrictions?		✓	
Adjacent land uses, for example schools, railway lines		✓	
Are temporary works required?		✓	

Scheme Specific Requirements			
Are there any poor or hazardous ground conditions		✓	
Are there any unstable structures?		✓	
Are there any areas likely to be classed (existing or designed) as confined spaces?		✓	
Are there any other projects taking place within the vicinity?	✓		Highways England will provide the Contractor with proposed works/inspection locations at which access for the survey vehicle may be restricted.
Are there any Environmental restrictions?		✓	Contact environmental manager, Georgina Page, for further detail if necessary.

## Appendix A- Section Length Summary - by Road and Area

### Area 14

Environment	Section Function	Carriageway Length (Km)	Lane Length (Km)	Route Length (Km)
<b>A1M</b>				
Rural	Main Carriageway	187.986	457.662	93.993
Rural	Slip Road	29.431	45.036	0.000
Rural	Roundabout	0.657	1.314	0.000
<b>Operational Area/Road Totals</b>		218.074	504.012	93.993
<b>A66M</b>				
Rural	Main Carriageway	7.309	14.618	3.655
<b>Operational Area/Road Totals</b>		7.309	14.618	3.655
<b>A194M</b>				
Rural	Main Carriageway	12.388	24.776	6.194
Rural	Slip Road	4.801	9.602	0.000
<b>Operational Area/Road Totals</b>		17.189	34.378	6.194
<b>A195M</b>				
Rural	Slip Road	1.050	1.050	0.000
<b>Operational Area/Road Totals</b>		1.050	1.050	0.000
<b>A1</b>				
Rural	Main Carriageway	182.110	366.126	119.904
Rural	Slip Road	35.636	58.679	0.000
Rural	Roundabout	2.318	5.336	0.000
Suburban	Main Carriageway	0.705	2.115	0.353
<b>Operational Area/Road Totals</b>		210.769	432.256	120.256
<b>A19</b>				
Rural	Main Carriageway	25.569	52.620	12.785
Rural	Slip Road	7.051	13.302	0.000
Rural	Roundabout	1.140	3.552	0.000
<b>Operational Area/Road Totals</b>		33.770	69.474	12.785
<b>A61</b>				
Rural	Main Carriageway	0.210	0.420	0.210
Rural	Roundabout	0.415	0.830	0.000
<b>Operational Area/Road Totals</b>		0.625	1.250	0.210
<b>A66</b>				
Rural	Main Carriageway	99.920	198.892	58.745
Rural	Slip Road	10.976	16.839	0.000
Rural	Roundabout	1.495	2.990	0.000
<b>Operational Area/Road Totals</b>		112.391	218.721	58.745
<b>A68</b>				
Rural	Roundabout	0.488	0.976	0.000
<b>Operational Area/Road Totals</b>		0.488	0.976	0.000
<b>A167</b>				



## Appendix A- Section Length Summary - by Road and Area

### Area 14

Rural	Roundabout	1.105	2.825	0.000
<b>Operational Area/Road Totals</b>		1.105	2.825	0.000
<b>Environment</b>	<b>Section Function</b>	<b>Carriageway Length (Km)</b>	<b>Lane Length (Km)</b>	<b>Route Length (Km)</b>
<b>A168</b>				
Rural	Slip Road	0.995	1.990	0.000
Rural	Roundabout	0.440	0.440	0.000
<b>Operational Area/Road Totals</b>		1.435	2.430	0.000
<b>A177</b>				
Rural	Roundabout	0.613	1.226	0.000
<b>Operational Area/Road Totals</b>		0.613	1.226	0.000
<b>A184</b>				
Rural	Main Carriageway	4.675	8.329	2.338
Rural	Slip Road	0.785	0.984	0.000
Rural	Roundabout	0.330	0.990	0.000
<b>Operational Area/Road Totals</b>		5.790	10.303	2.338
<b>A689</b>				
Rural	Roundabout	0.549	1.098	0.000
<b>Operational Area/Road Totals</b>		0.549	1.098	0.000
<b>A690</b>				
Rural	Roundabout	0.592	1.776	0.000
<b>Operational Area/Road Totals</b>		0.592	1.776	0.000
<b>A696</b>				
Rural	Main Carriageway	9.817	19.634	4.909
Rural	Slip Road	4.096	4.096	0.000
Rural	Roundabout	0.398	0.796	0.000
<b>Operational Area/Road Totals</b>		14.311	24.526	4.909
<b>A6055</b>				
Rural	Main Carriageway	0.489	1.353	0.489
Rural	Roundabout	0.998	1.996	0.000
<b>Operational Area/Road Totals</b>		1.487	3.349	0.489
<b>AD14 Operational Area Totals</b>		638.101	1324.268	303.57