

**National Asset Delivery  
Technical Surveys and Testing**

**Site Information for  
609248-P-02  
AD14 Deflectograph Surveys 2021**

## 1 SITE INFORMATION

The site covers the 4 works locations as described below. All works are within Highways England's boundary. Access to the site will be via the traffic management provided by Highways England.

### 1.1 Site boundary, extents and access arrangements

#### Site 1 – A1(M) Junction 49, Dishforth, to Junction 51 Leeming NB & SB

Three lane motorway with standard lane widths (3.65m) and hardshoulder (3m)

OSGR: 436950, 472857 to 427970, 490535

Estimated AADT: 30,000

TM provision: Night shift mobile lane closures

Approx. lane Km: 120Km

#### Site 2 – A1(M) Junction 56, Barton, to Junction 65 Birtley NB & SB

Two lane motorway with standard lane widths (3.65m) and hardshoulder (3m), localised widening for crawler lane provision approx. 1.5km long NB & SB south of J62, and NB north of J60.

OSGR: 421885, 508397 to 428356, 555593

Estimated AADT: 18,000

TM provision: Night shift mobile lane closures

Approx. lane Km: 230Km

#### Site 3 – A1(M) Circulatory Carriageways Junctions 58, 59, 60, and 61

OSGR: 421885, 508397 to 428356, 555593

Estimated AADT:

TM provision: Night shift static lane closures (inner/outer)

Approx. lane Km: 2.4Km

#### Site 4 – A1(T) Seaton Burn to Warreners House NB & SB

OSGR: 423269, 574513 to 418214, 588521

Estimated AADT: 10,000

TM provision: Night shift mobile lane closures

Approx. lane Km: 62km

## 1.2 Pavement

The existing pavement construction layer information is available from HAPMS on request. A brief summary of each location is provided below.

### Site 1 – A1(M) Junction 49, Dishforth, to Junction 51 Leeming NB & SB

The existing pavement is typically a fully flexible construction with a total asphalt depth of 330mm. The southbound carriageway is predominantly new construction circa 2011. The northbound carriageway includes section of overlay of the old A1(T) with total asphalt depths between 400 and 600mm.

### Site 2 – A1(M) Junction 56, Barton, to Junction 65 Birtley NB & SB

The existing pavement is typically a composite construction with an average asphalt depth of 300mm over a hydraulically bound base. Sections of carriageway have been overlaid on multiple occasions resulting in deeper asphalt depths.

### Site 3 – A1(M) Circulatory Carriageways Junctions 58, 59, 60, and 61

The existing pavements are of a composite construction with an average asphalt depth of 200mm over a hydraulically bound base.

### Site 4 – A1(T) Seaton Burn to Warreners House NB & SB

The existing pavement between Seaton Burn and Clifton is typically of a fully flexible construction with an average asphalt depth of 350mm.

The existing pavement between Clifton and Warreners House typically a composite construction with an average asphalt depth of 300mm over a hydraulically bound base.

## 1.3 Drainage

The drainage is over the edge construction being concrete channel or soft verge and filter drain.

## 1.4 Geotechnical

There are no known geotechnical issues which shall impact the survey.

## 1.5 Soft Estate and Environment

The verges are grassed areas.

## 1.6 Lighting

Street lighting apparatus is present within works area 4 between Seaton Burn and Shotton interchanges, and the A1(M) circulatory carriageways.

There is no street lighting apparatus within work areas 1 and 2.

## 1.7 Structures and Buildings

There are no known geotechnical issues which shall impact the survey.

## 1.8 Technology

Traffic monitoring loops and gantries are present within the working areas. The existing apparatus shall not impact the survey.

## 1.9 Statutory Undertakers

Statutory undertakers equipment is present within the verges, and are not expected to be impacted by the works.

## 1.10 Scheme Specific Requirements

Scheme Specific Requirements			
	Yes	No	Comments
Does a H&S file exist?	✓		H&S Pre-con will be issued to the Principle Contractor CHC (M&R) 2 weeks prior to works. CHC will produce H&S site file and provide site induction and workforce H&S checks prior to works
Site Welfare	✓		Mobile unit to be provided by the Principle Contractor. Nearest depot and Welfare facilities to be advised by Supervisor / Highways England Representative
Are there requirements for site security?		✓	Contractor responsible for own equipment to be removed from site after each shift
Are there any restrictions on vehicle movements?	✓		All site vehicles (incl. delivery vehicles) must abide by the TM requirements and regulations 1. enter and exit site from the dedicated points; 2. Reverse in-line with the Highways England Vehicle Reversing Policy; 3. Comply with the designated site safety speed limits; All vehicles within Traffic Management shall comply with the conspicuity requirements of Chapter 8.
Are there any restrictions on deliveries, waste collection, or storage?		N/A	
Are there any parking restrictions?	✓		All vehicles and plant within the works area shall be parked in a safe area clear of access and egress points. All vehicles and plant shall be removed from the carriageway prior to removal of traffic management. No Private vehicles are allowed on site
Height Restrictions (Structures & OH Cables)	✓		Have overhead cables been identified on site? YES – network plans showing location of overhead cables to be provided with package of work
Are emergency procedures and means of escape required?	✓		The Contractor shall ensure that emergency procedure plans are in place and all staff have been inducted.

Scheme Specific Requirements			
Are there any areas in or around the site classified as no-go areas?	✓		The Contractor shall ensure that emergency procedure plans are in place and all staff have been inducted. One lane will remain serviceable throughout the works duration for emergency services at all times.
Are there any noise restrictions?		✓	
Adjacent land uses, for example schools, railway lines		✓	
Are temporary works required?		✓	
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?		✓	No known works are taking place within the vicinity.
Are there any Environmental restrictions?		✓	