



# **Northumberland**

## **County Council**

### **RECORD OF DECISION TAKEN BY SERVICE DIRECTOR - LOCAL SERVICES**

**Paul Jones**

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#### **Herdley Bank First School 40 MPH Speed Limit**

**Cabinet Member: Councillor John Riddle**

**06 January 2023**

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#### **Purpose of Report**

This report sets out the background to the proposal to introduce a 40 MPH speed limit in the vicinity of Herdley Bank First School in Coanwood.

#### **Recommendations**

It is recommended that the 40 MPH speed limit on the surrounding roads with Herdley Bank First School is introduced as proposed.

#### **Link to Corporate Plan**

Living - "We want you to feel safe, healthy and cared for"

Enjoying - "We want you to love where you live"

Learning - "We want you to achieve and realise your potential"

#### **Key Issues**

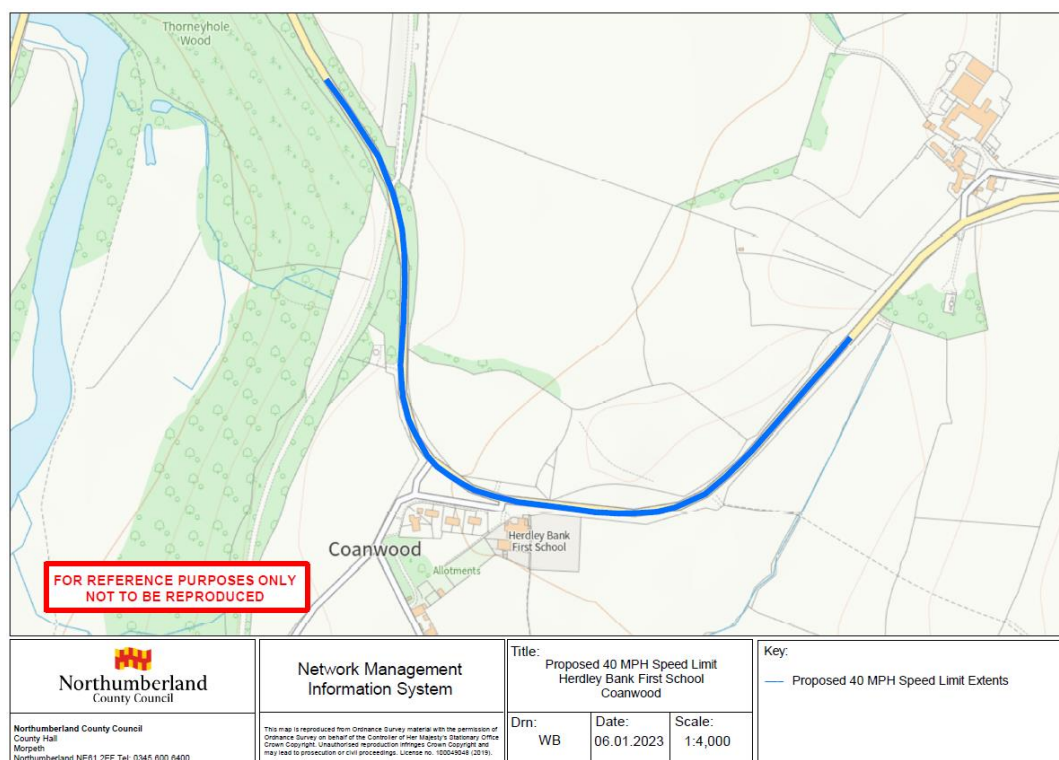
1. The County Council has received concerns regarding traffic speeds near Herdley Bank First School in Coanwood.
2. The provision of a 40 MPH speed limit will allow advisory 20 when lights flash signage to be introduced.
3. The scheme is supported by the local County Councillor and school representatives.
4. The scheme is to be funded by the Local Transport Plan 2022/23 programme.

### Background

The introduction of speed limit changes on the roads leading to Herdley Bank First School forms part of the 2022/23 Local Transport Plan. The scheme ties in with the County Council's road safety initiative to introduce reduced speed limits adjacent to all schools in Northumberland provided it is feasible to do so. Evidence suggests that measures of this kind adjacent to schools provide a safer environment for all road users.

Concerns have been raised regarding vehicles speeding through the roads situated outside of the school, which presents road safety issues for pedestrians such as schoolchildren, cyclists and those navigating through the route with the risk of collisions occurring.

As a result, a 40 MPH speed limit is proposed to be introduced in order to alleviate these concerns and covers the areas identified below in Figure 1. As the routes approach closer to the school entrance, advisory 20 when lights flash signage will be provided to notify motorists that the speed should be significantly reduced during school start and end times. The measures will consist of new regulatory traffic signs along with road markings in the form of roundels at the gateways of each restriction to indicate the new speed limit.



**Fig 1: Proposed 40 MPH speed limit extents at Herdley Bank First School**

Details of the proposals can be found in Appendix A. They are intended to increase road safety by reducing speed limits and to protect the amenity of the area overall. Northumbria Police, other emergency services and relevant statutory consultees will be notified of these amendments as part of the process for making the permanent Orders.

## Delegated Decision

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### Implications Arising out of the Report

<b>Policy</b>	Consistent with existing policies
<b>Finance and value for money</b>	Scheme will be financed through the Local Transport Plan 2022/23 programme
<b>Legal</b>	Motorists will be required to comply with the Traffic Regulation Order
<b>Procurement</b>	None
<b>Human Resources</b>	None
<b>Property</b>	None
<b>Equalities</b> (Impact Assessment attached) Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>	N/A
<b>Risk Assessment</b>	The proposal is designed to reduce the risks associated with driving at speed
<b>Crime &amp; Disorder</b>	Regulations in place to carry out enforcement
<b>Customer Consideration</b>	A reduction in speed will lead to a safer environment for all road users
<b>Carbon reduction</b>	Speed reduction assists with carbon reduction
<b>Wards</b>	Haltwhistle

## **Delegated Decision**

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### **Background Papers:**

File reference – S:\Highways\PROJECT\21\HE Minor  
Improvements\HE213578D - Herdley Bank School, Coanwood

### **Author**

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Report Author      **William Binks, Programme Officer**

## **Delegated Decision**

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### **DECISION TAKEN**

**Title of Officer:** Service Director, Local Services

**Subject:** Proposed 40 MPH Speed Limit at Herdley Bank First School, Coanwood

**Consultation:** Not required on the grounds of road safety, however statutory consultees have been informed

**Decision Taken:** To introduce a new 40 MPH speed limit at Herdley Bank First School, Coanwood

Signature of Director

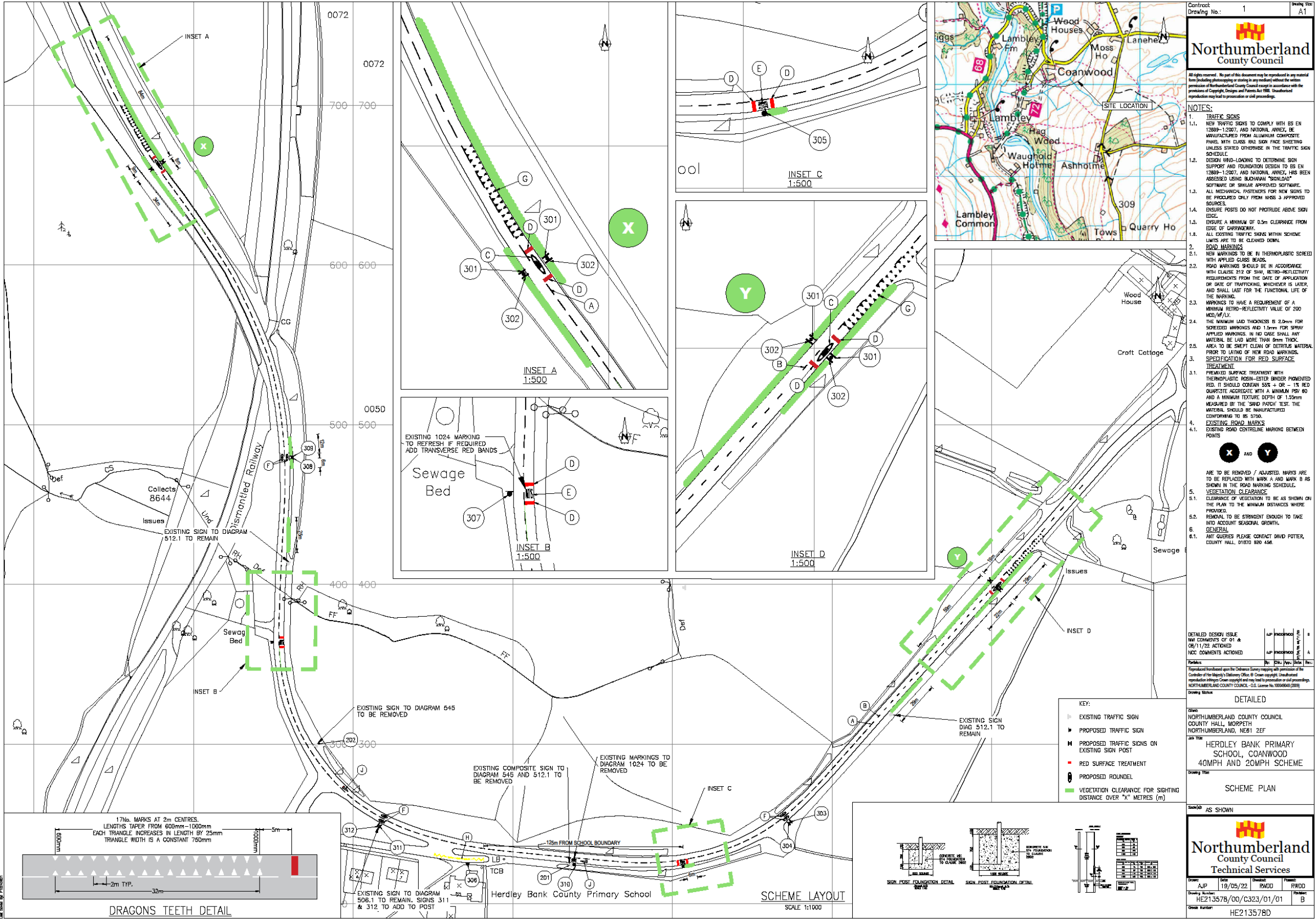


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**Date**  
16.01.23

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Appendix A - Scheme Plans




TRAFFIC SIGNS SCHEDULE											
REF.	TSR&CD 2018 DIAG. NO.	SIGN HEIGHT (mm)	LEGEND	No. OFF	SURFACE	APPROX. SIZE (m)	POSTS / SIGNS		MOUNT HEIGHT (m)	REMARKS	
							DIA. (mm)	APPROX. LENGTH (m)			
(201)	545 512.1	—		1	CLASS RA2	1.18 x 2.4	76	5.0	2	—	EXISTING NON ILLUMINATED SIGN TO BE REMOVED
(202)	545	—		1	CLASS RA2	1.10 x 0.88	76	3.44	2	—	EXISTING NON ILLUMINATED SIGN TO BE REMOVED
(301)	870 (40)	—		4	CLASS RA2	0.9	76	3.2	1	1.5	SIGN MOUNTED ON NEW POST IN VERGE FACING TRAFFIC HEADING TOWARDS HERDLEY BANK SCHOOL.
(302)	871	—		4	CLASS RA2	0.9	—	—	—	1.5	SIGN MOUNTED BACK TO BACK WITH SIGN REF 301
(303)	870 (40) REPEATER	—		1	CLASS RA2	0.3	76	2.9	1	1.5	SIGN MOUNTED ON NEW POST IN THE EASTERN VERGE, 196m SOUTH OF 40mph AND DIAG 871 TERMINAL SIGNS
(304)	870 (40) REPEATER	—		1	CLASS RA2	0.3	—	—	—	1.5	SIGN MOUNTED BACK TO BACK WITH SIGN REF 303
(305)	545 545.1 4004	—		1	CLASS RA2	0.870 x 1.585	114 / 168 WIDE BASED	8m LIGHTING COLUMN CUT TO SUIT SIGN AND SOLAR PANEL.	1	1.5	SOLAR POWERED WESTCOTED SCHOOL LED SIGN MOUNTED ON NEW POST TO BE MOUNTED 125m EAST OF THE SCHOOL BOUNDARY IN THE SOUTHERN VERGE
(306)	642.2A	40		1	CLASS RA2	635 x 940	76	3.39	1	1.5	MOUNTED OUTSIDE THE SCHOOL
(307)	545 545.1 4004	—		1	CLASS RA2	0.870 x 1.585	114 / 168 WIDE BASED	8m LIGHTING COLUMN CUT TO SUIT SIGN AND SOLAR PANEL.	1	1.5	SOLAR POWERED WESTCOTED SCHOOL LED SIGN ON NEW POST TO BE MOUNTED 125m NORTH OF SIGN 305
(308)	870 (40) REPEATER	—		1	CLASS RA2	0.3	76	2.9	1	1.5	SIGN MOUNTED ON NEW POST IN THE WESTERN VERGE, 200m SOUTH OF the 40mph AND DIAG 871 TERMINAL SIGNS
(309)	870 (40) REPEATER	—		1	CLASS RA2	0.3	—	—	—	1.5	SIGN MOUNTED BACK TO BACK WITH SIGN 308
(310)	512.1	—		1	CLASS RA2	1.11 x 0.99	80	3.74	2	1.5	BEND TO RIGHT WITH SIDE ROAD ON THE OUTSIDE OF THE BEND
(311)	870 (40) REPEATER	—		1	CLASS RA2	0.3	—	—	1	1.5	SIGN MOUNTED BELOW THE EXISTING TRAFFIC SIGN, EXISTING SIGN TO DIAGRAM S06.1 TO REMAIN
(312)	870 (40) REPEATER	—		1	CLASS RA2	0.3	—	—	—	1.5	SIGN MOUNTED BACK TO BACK WITH 311 SIGN

ROAD MARKINGS SCHEDULE										
REF	SCHED.	PART	ITEM	DIAG. No.	DIAGRAM	MARK (mm)	GAP (mm)	WIDTH (mm)	ROAD STUDS	USE
(A)	11	4	2	1004		4000	2000	100	—	WARNING LINE SPECIFIED LIMIT BELOW 40mph
(B)	11	4	3	1008		2000	4000	100	—	DIVISION OPPOSING TRAFFIC FLOWS BELOW 40mph
(C)	10	2	8	1085		7500	—	1500	—	LARGE 40 ROUNDED
(D)	—	—	—	—		TRANSVERSE		1000	—	RED SURFACE TREATMENT BAND
(E)	11	4	15	1024		2800	—	2800	—	SLOW LETTERING
(F)	10	2	8	1085		4300	—	1500	—	SMALL 40 ROUNDED
(G)	—	—	—	—	DRAGON'S TEETH AS PER DETAIL ON PLAN HE2138/7/00/C323/01/01	—	—	—	—	DRAGON TEETH
(H)	7	4	10	1027.1		CONTINUOUS	—	150	—	SCHOOL KEEP CLEAR 2 ZACS
						700	—	—	—	SCHOOL KEEP CLEAR LETTERING
(J)	—	—	—	545		4300	—	1500	—	SCHOOL CHILDREN CROSSING AHEAD

TO BE READ IN CONJUNCTION WITH TSBAGD 2016

Contract  
Drawing No.:1

Drawing Size  
A1



Northumberland  
County Council

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NOTES:

1. TRAFFIC SIGNS

1.1. NEW TRAFFIC SIGNS TO COMPLY WITH BS EN 12869-1:2007, AND NATIONAL ANVDS, BE MANUFACTURED FROM ALUMINIUM COMPOSITE PANEL, WITH GLASS ROAD SIGN FACE SHEETING UNLESS STATED OTHERWISE IN THE TRAFFIC SIGN SCHEDULE

1.2. DESIGN WIND-LOADING TO DETERMINE SIGN SUPPORT AND FOUNDATION DESIGN TO BS EN 12869-1:2007, AND NATIONAL ANVDS, HAS BEEN ASSESSED USING BUCHANAN "SOLIDNU" SOFTWARE OF SIMILAR APPROVED SOFTWARE.

1.3. ALL MECHANICAL FASTENERS FOR NEW SIGNS TO BE PROCURED ONLY FROM PWS 3 APPROVED SOURCES.

1.4. ENSURE POSTS DO NOT PROTRUDE ABOVE SIGN EDGE.

1.5. ENSURE A MINIMUM OF 0.5m CLEARANCE FROM EDGE OF CARRIAGEWAY.

1.6. ALL EXISTING TRAFFIC SIGNS WITHIN SCHEME LIMITS ARE TO BE CLEANED DOWN.

2. ROAD MARKINGS

2.1. NEW MARKINGS TO BE IN THERMOPLASTIC SKEED WITH APPLIED GLASS BEADS.

2.2. ROAD MARKINGS SHOULD BE IN ACCORDANCE WITH CLAUSE 212 OF SHW. RETRO-REFLECTIVITY REQUIREMENTS FROM THE DATE OF APPLICATION OR DATE OF TRAFFICWORK, WHICHEVER IS LATER, AND SHALL LAST FOR THE FUNCTIONAL LIFE OF THE MARKING.

2.3. MARKINGS TO HAVE A REQUIREMENT OF A MINIMUM RETRO-REFLECTIVITY VALUE OF 200 MCD/MF/LX.

2.4. THE MINIMUM LAY THICKNESS IS 2.0mm FOR SOLICITED MARKINGS AND 1.5mm FOR SPRAY APPLIED MARKINGS. IN NO CASE SHALL ANY MATERIAL BE LAY MORE THAN 50mm THICK.

2.5. AREA TO BE SWEPT CLEAN OF DETRITUS MATERIAL PRIOR TO LAYING OF NEW ROAD MARKINGS.

3. SPECIFICATION FOR RED SURFACE TREATMENT

3.1. PRELIMED SURFACE TREATMENT WITH THERMOPLASTIC BOSIN-ETHER BINDER PIGMENTED RED. IT SHOULD CONTAIN 55% + OR - 1% RED QUARTZITE COLOUR WITH A MINIMUM PSY 80 AND A MINIMUM TEXTURE DEPTH OF 1.55mm MEASURED BY THE "SAND PATCH" TEST. THE MATERIAL SHOULD BE MANUFACTURED CONFORMING TO BS 5756.

4. EXISTING ROAD MARKS

4.1. EXISTING ROAD CENTRELINE MARKING BETWEEN POINTS

X

AND

Y

ARE TO BE REMOVED / ADJUSTED AS SHOWN ON PLAN HE213578/00/C323/01/01. MARKS ARE TO BE REPLACED WITH MARK A AND MARK B AS SHOWN IN THE ROAD MARKING SCHEDULE.

AP

RD

RD

RD

RD

RD

06/11/22

B

AP

RD

RD

RD

RD

RD

27/09/22

A

Permits:

Dr:

Chk:

App:

Dir:

Rev:

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
DETAILED

Client:  
NORTHUMBERLAND COUNTY COUNCIL  
COUNTY HALL, MORPETH  
NORTHUMBERLAND, NE61 2EF

Job Title:  
HERDLBY BANK PRIMARY  
SCHOOL, COANWOOD  
40MPH AND 20MPH SCHEME

Drawing Title:  
SIGNS AND MARKINGS SCHEDULE

Scale(s):  
NTS



Northumberland  
County Council

Technical Services

Drawn:  
AJP

Date:  
25/05/22

Checked:  
RWDD

Plotted:  
RWDD

Drawing Number:  
HE213578/00/C323/01/02

Revision:  
B

Drawing Number:  
HE213578/00/C323/01/02

Revision:  
B