



KEY	
■ G	Existing gully - all gullies to be cleaned and connections jetted
■ Grp	Gully - grating and frame to be removed to recycling centre off site and replaced with new D400 cover and frame.
■ Grs	Gully - grating and frame to be reset
■ MH	Existing Manhole
■ MHRp	Existing manhole - cover and frame to be replaced with new 600x600mm D400 cover and frame
■ MHRs	Existing manhole - cover and frame to be reset
■ SV	Existing Sluice Valve
■ SVrp	Existing Sluice Valve cover and frame to be replace
■ SVrs	Existing Sluice Valve cover and frame to be reset
■ FH	Existing Fire Hydrant
■ GAS	Existing Gas Valve
■ GASrp	Existing Gas Valve cover and frame to be replace
■ GASrs	Existing Gas Valve cover and frame to be reset
■ BT	Existing BT (specify single/double/triple) cover
■	Plane 40mm (Approx. 751m2) and replace with: 40mm HRA55/10 C surf 65PSV Clause 911
■	Plane 100mm (Approx. 2316m2) and replace with: 40mm HRA55/10 C surf 65PSV Clause 911 60mm AC20 HDM bin 40/60 MCHW Clause 929

- NOTES - GENERAL**
- Do not scale from this drawing. If in doubt contact telford and wrekin council - highways, transportation and engineering (twc - hte).
 - All dimensions are in metres (m) unless otherwise noted.
 - This drawing is to be read in conjunction with all other relevant drawings relating to this project.
 - All dimensions should be checked on site prior to construction. Any discrepancies are to be immediately reported in writing to twc - hte.
 - The contractor shall, prior to construction, check and verify that the details shown on this drawing are fully compatible with any as constructed dimensions or levels. Any discrepancies are to be immediately reported in writing to twc - hte.
 - This drawing has been prepared for the exclusive use of the commissioning party and unless agreed in writing by twc - hte no other party may use or rely on its contents. No liability is accepted by twc - hte for any use of this drawing other than for the purpose for which it was originally prepared.
 - It should be noted that this drawing may include data provided by third parties. No liability is accepted by twc - hte as to the accuracy of this data.
 - This drawing shall not be reproduced in any way without the written permission of twc - hte.
 - All personnel must comply with their own company risk assessments and method statements, and comply with the requirements of balfour beatty health and safety policy.

- NOTES - CARRIAGEWAY**
- This drawing should only be read in relation to the subject of the title. Other information shown on the drawing is to be considered indicative only. Reference should be made to appropriate drawing series for other information.
 - All patching/resurfacing, kerbing and ironwork must be marked out in the presence of the Project Manager and agreed prior to the commencement of any works on site.
 - Bond Coat to MCHW Clause 920 is required at all bound layer interfaces within the pavement, this includes planed surfaces and new asphalt layers.
 - All joints, kerbs and ironwork must be cleaned of dust and debris and all vertical faces to be painted with bitumen prior to resurfacing.
 - Planned surface must be swept clean and inspected immediately following planing in order to determine the extents of any areas of deep patching. Any loose or delaminating material should be brought to the attention of the Project Manager and must also be removed.
 - All bituminous materials to be transported, laid and compacted in accordance with BS 5948:2015
 - All ironwork to BS EN 124:2015
 - Where PMB is specified in any surfacing material it must be 100% 'Extreme 100', and not a blended version. If the design parameters of the mix require a different PMB to be used this must be communicated to TWC prior to construction for approval.
 - Where appropriate, all bituminous materials to be laid as warm mix to Clause 908.

- Constraints affecting Businesses and Community**
- Residential Properties with on street parking (including disabled bays)
 - Numerous businesses including: hairdressers, beauty salon, opticians, letting agent, phone shop.
 - Numerous restaurants and take away food business
 - Convenience store open until 10pm
 - Places of worship, community hubs and day care centre
 - Dentists and community health centre

SAFETY, HEALTH AND ENVIRONMENTAL (SHE) INFORMATION

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION

- Numerous utilities including: IP Cadent Gas main present on site, approximate location marked on drawing, see STATS plans for more precise location.
- Also present on site are HV Electric (11kV and 33 kV), VM, water mains. Further information provided on these in STATS plans.
- Tar Bound Material (TBM) has been identified in coring however further analysis has determined that this is non-hazardous, refer to 'Core Log Summary' and PCIP for further information.

MAINTENANCE / CLEANING

- As above

ALTERATION / DEMOLITION

- As above

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement

TBM note
While coring highlighted TBM in coring results further testing has determined that this is non-hazardous and can be disposed of as inert material.

Core Log Summary - High Street, Madeley

Core No	Chainage (m)	Lane	Bound Layer Depths (mm)					Sub base depth (mm)	TBM noted	Notes (deterioration depth, bond breaks, etc)	PAH Levels				
			Layer 1	Layer 2	Layer 3	Layer 4	Layer 5				BaP Layer 1 (mg/kg)	BaP Layer 2 (mg/kg)	BaP Layer 3 (mg/kg)	BaP Layer 4 (mg/kg)	BaP Layer 5 (mg/kg)
C1	0	West	0-29	29-74				>74	NO	Debonded @ 29mm, medium voids in surface course	-	-	-	-	-
C2	50	West	0-32	32-39	39-73			>73	YES	Stripping 39-73mm	-	<10.0	-	-	-
C3	100	West	0-28	28-57	57-110			>110	YES	Stripping 28-57mm, disintegrated 57-110mm	-	<15.0	-	-	-
C4	150	West	0-59	59-102				>102	NO	Stripping 59-102mm	-	-	-	-	-
C5	200	West	0-32	32-37	37-65	65-91	91-131	>131	YES	Medium voids 0-37mm. Multiple surface courses 0-91mm.	-	<9.0	-	<9.0	-
C6	250	West	0-33	33-91				>91	YES	High voids 0-33mm	-	<5.0	-	-	-
C7	300	West	0-34	34-48	48-91			>91	YES	Multiple surface courses 0-91mm.	<3.0	-	<3.0	-	-
C8	350	West	0-27	27-36	36-63	63-196		>196	YES	Multiple surface courses 0-63mm.	-	<8.0	-	-	-
C9	400	North	0-30	30-47	47-82	82-125	125-280	>280	YES	Disintegrated 82-125mm	-	<13.0	-	-	-
C10	450	North	0-33	33-85	85-212	212-250		>250	NO	Bond break @ 85mm and stripping at interface	-	-	-	-	-
C11	500	North	0-32	32-92	92-209			>209	NO	High voids 92-209mm	-	-	-	-	-
C12	530	North	0-41	41-112	112-222			>222	NO	High voids 112-222mm	-	-	-	-	-
C13	0	Xrds	0-51	51-148	148-180	180-240		>240	YES	Debonded @ 148mm & 180mm. Disintegrated 148-180mm. Stripping 180-240mm	-	<47.0	<47.0	<47.0	-
C14	15	Xrds	0-41	41-60	60-91	91-147	147-204	>204	YES	Bond break @ 147mm.	-	-	-	<15.0	<15.0
C15	36	Xrds	0-51	51-69	69-160	160-220		>220	YES	Disintegrated 160-220mm. High voids 69-160mm	-	-	<51.0	<51.0	-
C16	36	Xrds	0-32	32-98	98-192			>192	YES	High voids 98-192mm	-	<1.0	<1.0	-	-

C2	27/07/23	Court street Section removed and added to Tynsley Court drawing.	AP	SW	SW
C1	26/06/23	Updated to construction drawing.	AP	SW	SW

Dean Sargeant, Director, Neighbourhood & Enforcement Services, Addenbrooke House, Telford, TF3 4NT

Telford & Wrekin Council

Project: **HM23/24 - Madeley High Street**

Drawing title: **CARRIAGEWAY RESURFACING**

Drawing status: **S2 - FOR CONSTRUCTION**

Scale: 1:1000 | A1 | Date: 03/03/2023 | Drawn-by: AP | Checked-by: SW | Approved-by: NL

DO NOT SCALE FROM THIS DRAWING

Drawing number: **MADHS-TWC-HPV-01-DR-CH-0700** | Rev: **C2**