



KEY - CARRIAGEWAY

	Plane 40mm (Approx. 1983m2) and replace with: 40mm SMA 10 surf PMB PSV65 Clause 971TAR
	Plane 100mm (Approx. 1411m2) and replace with: 40mm SMA 10 surf PMB PSV65 Clause 971TAR 60mm AC20 HDM bin 40/60 MCHW Clause 929

KEY - IRONWORK/DRAINAGE

All gullies to be cleaned and connections jettied. **Multiple blocked gullies onsite. Please ensure these are jettied.**

■ G	Existing gully
■ MH	Existing Manhole
■ MHRp	Existing manhole - cover and frame to be replaced with new 600x600mm D400 cover and frame

- 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.
 - Planed 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.

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 - Colliers Way

Core No	Chainage (m)	Lane	Bound Layer Depths (mm)							Sub base depth (mm)	TBM noted	DCP results	Notes (deterioration depth, bond breaks, etc)
			Layer 1	Layer 2	Layer 3	Layer 4	Layer 5	Layer 6	Layer 7				
C1	0	NORTH	0-37	37-104	104-106 (GeoGrid)	106-156	156-273			273	NO	N/A	High voids from 37-156mm. Debonded at 89mm.
C2	50	NORTH	0-39	39-89	89-166	166-226				226	NO	N/A	High Voids from 39-226mm.
C3	100	NORTH	0-51	51-117	117-179	179-291				291	NO	N/A	
C4	100	NORTH	0-37	37-83	83-156	156-239				239	NO	N/A	
C5	150	NORTH	0-33	33-71	71-161	161-226				226	NO	N/A	Debonded at 71mm.
C6	200	NORTH	0-3 (Anti-skid)	3-43	43-82	82-136	136-210	210-230	230-300	300	YES	N/A	Debonded at 210mm and 230mm. High Voids from 82-210mm. Stripping from 136-210mm. Disintegrated from 210-230mm.
C7	175	NORTH	0-34	34-83	83-126	126-205	205-313			313	NO	N/A	Debonded at 34mm and 205mm. High Voids from 83-205mm. Stripping from 126-205mm.
C8	200	SOUTH	0-33	33-94	94-154	154-223				223	NO	N/A	Debonded at 33mm and 94mm. Vertical cracks and stripping from 0-94mm.
C9	175	SOUTH	0-45	45-72	72-92	92-174	174-198			198	NO	N/A	Debonded at 92mm. High Voids from 92-198mm.
C10	150	SOUTH	0-40	40-96	96-170	170-253				253	NO	N/A	Debonded at 96mm & 170mm.
C11	100	SOUTH	0-51	51-115	115-186	186-265				265	NO	N/A	High Voids from 0-186mm.
C12	50	SOUTH	0-45	45-103	103-167	167-257				257	NO	N/A	Debonded at 103mm and 167mm.
C13	0	SOUTH	0-3 (Anti-skid)	3-38	38-96	96-159	159-185	185-277	277-450 (Concrete)	450	NO	N/A	Debonded at 96mm and 277mm. High Voids from 3-277mm.
C14	PLAN	EAST	0-50	50-100	100-233	233-300				300	NO	N/A	Debonded at 50mm and 100mm. Stripping from 50-233mm and disintegrated from 233-300mm.
C15	PLAN	WEST	0-58	58-346 (Concrete)						346	NO	N/A	Debonded at 58mm.
C16	PLAN	EAST	0-76	76-136	136-254					254	NO	N/A	Debonded at 76mm and 136mm. Stripping from 0-136mm.
C17	PLAN	WEST	0-44	44-80	80-121	121-266				266	NO	N/A	High voids from 80-266mm.
C18	PLAN	RBT	0-45	45-147	147-191	191-319	319-380			380	NO	N/A	Debonded at 147mm and 319mm. Voids from 0-45mm and 191-319mm.
C19	PLAN	RBT	0-39	39-71	71-160	160-205	205-242			242	NO	N/A	Debonded at 71mm. High Voids from 0-39mm and 160-242mm.
C20	PLAN	RBT	0-37	37-76	76-143	143-247				247	NO	N/A	Debonded at 143mm. Voids from 0-37mm and 76-249mm. Stripping from 76-143mm.

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: LP and MP Cadent Gas main present on site, see STATS plans for more precise location.
- Also present on site are HV Electric (11kV), VM, water mains. Further information provided on these in STATS plans.
- Tar Bound Material (TBM) noted as present however it has been determined that this is non-hazardous (PAH testing ongoing), 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

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C1	15/06/23	Ped guard rails work completed. Updated TBM note as non-hazardous. Updated to construction issue.	AP	SW	NL
Rev	Revision/Issue Date	Purpose of Revision/Issue	Drawn	Checked	Approved

Telford & Wrekin Council

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

Project
HM23/24 - Collier Way and Bridge Retail Park Roundabout

Drawing Title
CARRIAGEWAY RESURFACING

Drawing status
S2 - FOR CONSTRUCTION

Scale: 1:500 | A1 | Date: 04/05/2023 | Drawn-by: AP | Checked-by: SW | Approved-by: NL

DO NOT SCALE FROM THIS DRAWING

Drawing number: COLWA-TWC-HPV-01-DR-CH-0700 | Rev: C1