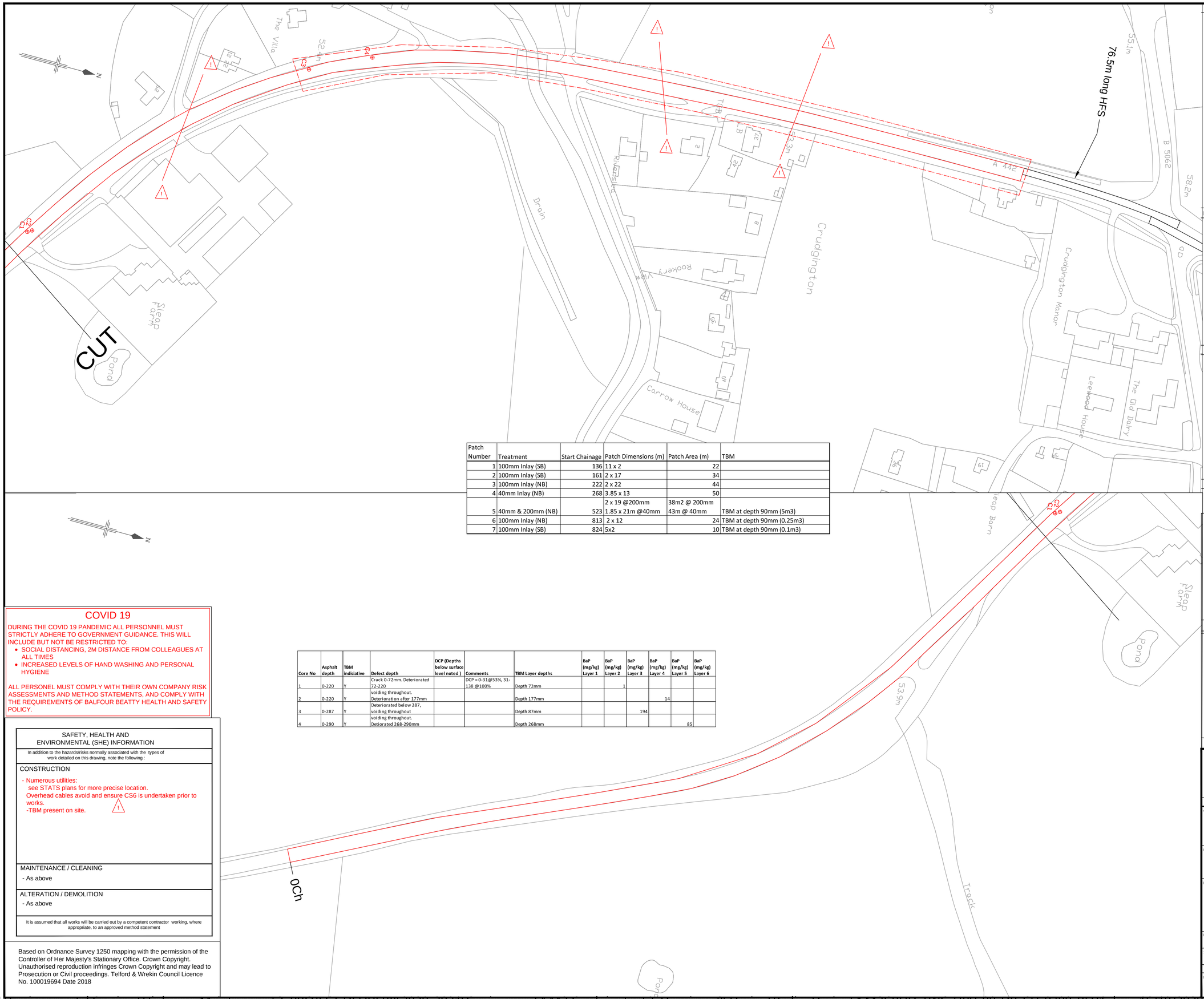

Patch Number	Treatment	Start Chainage	Patch Dimensions (m)	Patch Area (m)	TBM
1	100mm Inlay (SB)	136	11 x 2	22	
2	100mm Inlay (SB)	161	2 x 17	34	
3	100mm Inlay (NB)	222	2 x 22	44	
4	40mm Inlay (NB)	268	3.85 x 13	50	
5	40mm & 200mm (NB)	523	2 x 19 @200mm 1.85 x 21m @40mm	38m2 @ 200mm 43m @ 40mm	TBM at depth 90mm (5m3)
6	100mm Inlay (NB)	813	2 x 12	24	TBM at depth 90mm (0.25m3)
7	100mm Inlay (SB)	824	5x2	10	TBM at depth 90mm (0.1m3)

Core No	Asphalt depth	TBM indiciative	Defect depth	DCP (Depths below surface level noted)	Comments	TBM Layer depths	BaP (mg/kg) Layer 1	BaP (mg/kg) Layer 2	BaP (mg/kg) Layer 3	BaP (mg/kg) Layer 4	BaP (mg/kg) Layer 5	BaP (mg/kg) Layer 6
1	0-220	Y	Crack 0-72mm. Deteriorated 72-220		DCP = 0-31@53%, 31-138 @100%	Depth 72mm		1				
2	0-220	Y	voiding throughout. Deterioration after 177mm			Depth 177mm				14		
3	0-287	Y	Deteriorated below 287, voiding throughout			Depth 87mm			194			
4	0-290	Y	voiding throughout. Detiorated 268-290mm			Depth 268mm					85	

COVID 19

DURING THE COVID 19 PANDEMIC ALL PERSONNEL MUST STRICTLY ADHERE TO GOVERNMENT GUIDANCE. THIS WILL INCLUDE BUT NOT BE RESTRICTED TO:

- SOCIAL DISTANCING, 2M DISTANCE FROM COLLEAGUES AT ALL TIMES
- INCREASED LEVELS OF HAND WASHING AND PERSONAL HYGIENE

ALL PERSONEL MUST COMPLY WITH THEIR OWN COMPANY RISK ASSESSMENTS AND METHOD STATEMENTS, AND COMPLY WITH THE REQUIREMENTS OF BALFOUR BEATTY HEALTH AND SAFETY POLICY.

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:
  see STATS plans for more precise location.
  Overhead cables avoid and ensure CS6 is undertaken prior to works.
  -TBM present on site.

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

Based on Ordnance Survey 1250 mapping with the permission of the Controller of Her Majesty's Stationary Office. Crown Copyright. Unauthorised reproduction infringes Crown Copyright and may lead to Prosecution or Civil proceedings. Telford & Wrekin Council Licence No. 100019694 Date 2018

Key

40mm InlayTreatment
40mm HRA55/10 C surf 65PSV Clause 911

100mm InlayTreatment
40mm HRA55/10 C surf 65PSV Clause 911
60mm AC20 bin 40/60 MCHW Clause 929

200mm InlayTreatment
40mm HRA55/10 C surf 65PSV Clause 911
60mm AC20 bin 40/60 MCHW Clause 929
100mm AC32 HDM base 40/60

TBM at depth 90mm

Chainage zero at change of surfacing before S bend

NOTES - GENERAL

1. Do not scale from this drawing. If in doubt contact telford and wrekin council - highways, transportation and engineering (twc - hte).
2. All dimensions are in metres (m) unless otherwise noted.
3. This drawing is to be read in conjunction with all other relevant drawings relating to this project.
4. All dimensions should be checked on site prior to construction. Any discrepancies are to be immediately reported in writing to twc - hte.
5. 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.
6. 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.
7. 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.
8. This drawing shall not be reproduced in any way without the written permission of twc - hte.

NOTES - CARRIAGEWAY

1. 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.
2. 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.
3. Bond Coat to MCHW Clause 920 is required at all bound layer interfaces within the pavement, this includes planed surfaces and new asphalt layers.
4. All joints, kerbs and ironwork must be cleaned of dust and debris and all vertical faces to be painted with bitumen prior to resurfacing.
5. 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.
6. All bituminous materials to be transported, laid and compacted in accordance with BS 594987:2015
7. All ironwork to BS EN 124:2015

Issue	File Type	Destination	Date	Approved

Rev	Revision Date	Purpose of revision	Drawn	Checked	Approved

a co-operative council | Telford & Wrekin COUNCIL | Pride in our Community

Angie Astley, Assistant Director, Customer & Neighbourhood Services, Addenbrooke House, Telford, TF3 4NT

Client
Telford & Wrekin Council

Project
HM20/21 - A442 Crudgington Site 1

Drawing title
Carriageway Patching

Drawing status
A- For Construction

Scale		Date	Drawn-by	Checked-by	Approved-by
1:1000	A1	17.08.2020	TS	SW	SA

DO NOT SCALE FROM THIS DRAWING

Drawing number
A442C-TWC-HPV-00-DR-CH-0700

Rev
C1

N:\Environmental Services\Highways Maintenance\2. PROJECT DELIVERY\2020_2021\Carriageway\A442 Crudgington\2. Drawings & Design\Prelim Design\A442CRUD-TWC-HPV-00-DR-CH-0700_REV1.dwg 16/10/2020 09:16:11 DWG To PDF.pc3