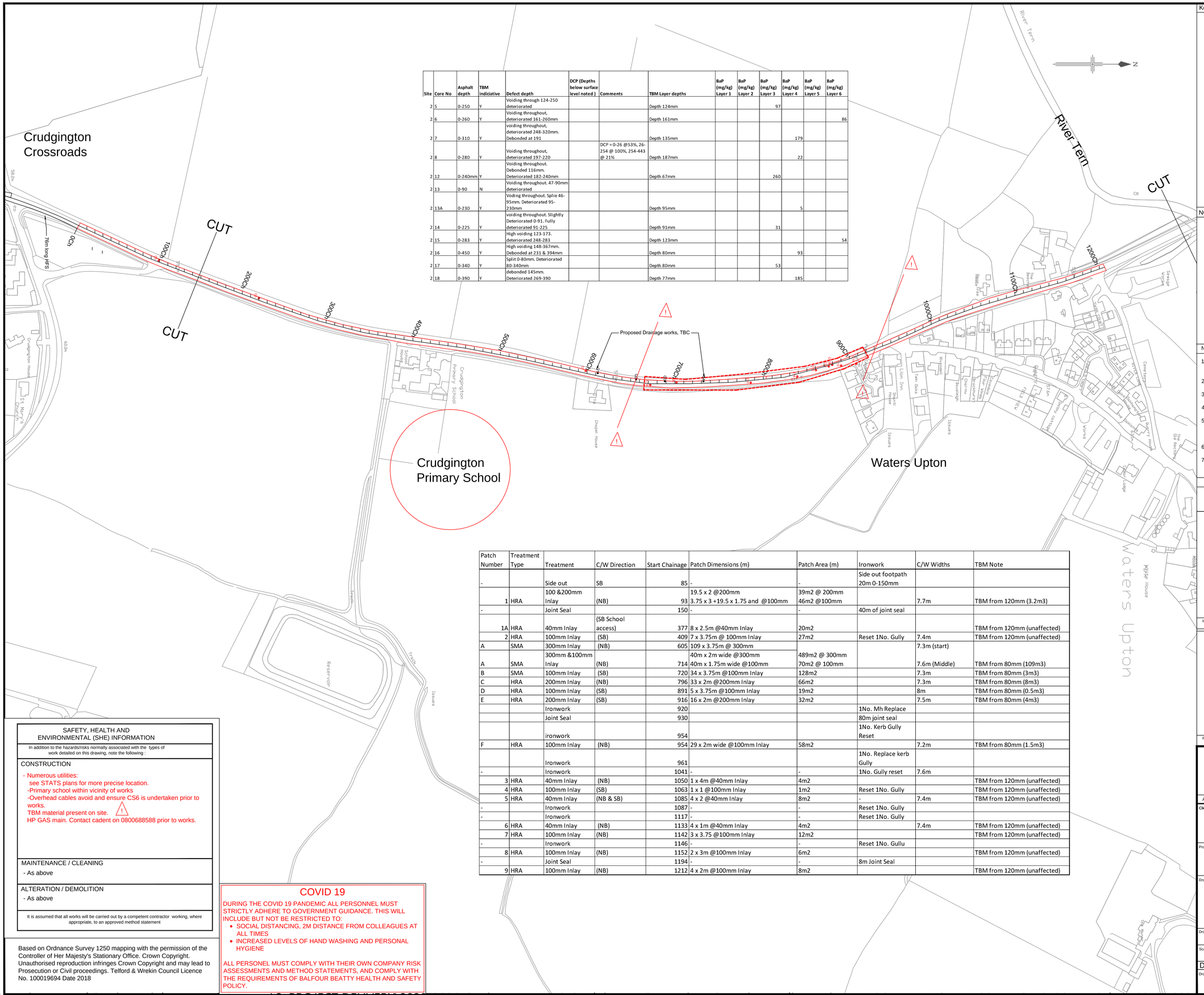

Site	Core No	Asphalt depth	TBM indiciative	Defect depth	DCP (Depths below surface level noted)	Comments	TBM Layer depths	BaP (mg/kg) Layer 1	BaP (mg/kg) Layer 2	BaP (mg/kg) Layer 3	BaP (mg/kg) Layer 4	BaP (mg/kg) Layer 5	BaP (mg/kg) Layer 6
2	5	0-250	Y	Voiding through 124-250 deteriorated			Depth 124mm			97			
2	6	0-260	Y	Voiding throughout, deteriorated 161-260mm			Depth 161mm						86
2	7	0-310	Y	voiding throughout, deteriorated 248-320mm. Debonded at 191			Depth 135mm				179		
2	8	0-280	Y	Voiding throughout, deteriorated 197-220		DCP = 0-26 @53%, 26-254 @ 100%, 254-443 @ 21%	Depth 187mm				22		
2	12	0-240mm	Y	Voiding throughout. Debonded 116mm. Deteriorated 182-240mm			Depth 67mm			260			
2	13	0-90	N	Voiding throughout. 47-90mm deteriorated									
2	13A	0-230	Y	Voding throughout. Splie 46-95mm. Deteriorated 95-230mm			Depth 95mm				5		
2	14	0-225	Y	voiding throughout. Slightly Deteriorated 0-91. Fully deteriorated 91-225			Depth 91mm			31			
2	15	0-283	Y	High voiding 123-173. deteriorated 248-283			Depth 123mm						54
2	16	0-450	Y	High voiding 148-367mm. Debonded at 231 & 394mm			Depth 80mm				93		
2	17	0-340	Y	Split 0-80mm. Deteriorated 80-340mm			Depth 80mm			53			
2	18	0-390	Y	debonded 145mm. Deteriorated 269-390			Depth 77mm				185		

Patch Number	Treatment Type	Treatment	C/W Direction	Start Chainage	Patch Dimensions (m)	Patch Area (m)	Ironwork	C/W Widths	TBM Note
-		Side out	SB	85	-	-	Side out footpath 20m 0-150mm		
1	HRA	100 &200mm Inlay	(NB)	93	19.5 x 2 @200mm 3.75 x 3 +19.5 x 1.75 and @100mm	39m2 @ 200mm 46m2 @100mm		7.7m	TBM from 120mm (3.2m3)
-		Joint Seal		150	-	-	40m of joint seal		
1A	HRA	40mm Inlay	(SB School access)	377	8 x 2.5m @40mm Inlay	20m2			TBM from 120mm (unaffected)
2	HRA	100mm Inlay	(SB)	409	7 x 3.75m @ 100mm Inlay	27m2	Reset 1No. Gully	7.4m	TBM from 120mm (unaffected)
A	SMA	300mm Inlay	(NB)	605	109 x 3.75m @ 300mm			7.3m (start)	
A	SMA	300mm &100mm Inlay	(NB)	714	40m x 2m wide @300mm 40m x 1.75m wide @100mm	489m2 @ 300mm 70m2 @ 100mm		7.6m (Middle)	TBM from 80mm (109m3)
B	SMA	100mm Inlay	(SB)	720	34 x 3.75m @100mm Inlay	128m2		7.3m	TBM from 80mm (3m3)
C	HRA	200mm Inlay	(NB)	796	33 x 2m @200mm Inlay	66m2		7.3m	TBM from 80mm (8m3)
D	HRA	100mm Inlay	(SB)	891	5 x 3.75m @100mm Inlay	19m2		8m	TBM from 80mm (0.5m3)
E	HRA	200mm Inlay	(SB)	916	16 x 2m @200mm Inlay	32m2		7.5m	TBM from 80mm (4m3)
		Ironwork		920			1No. Mh Replace		
		Joint Seal		930			80m joint seal		
		ironwork		954			1No. Kerb Gully Reset		
F	HRA	100mm Inlay	(NB)	954	29 x 2m wide @100mm Inlay	58m2		7.2m	TBM from 80mm (1.5m3)
		Ironwork		961			1No. Replace kerb Gully		
-		Ironwork		1041	-	-	1No. Gully reset	7.6m	
3	HRA	40mm Inlay	(NB)	1050	1 x 4m @40mm Inlay	4m2			TBM from 120mm (unaffected)
4	HRA	100mm Inlay	(SB)	1063	1 x 1 @100mm Inlay	1m2	Reset 1No. Gully		TBM from 120mm (unaffected)
5	HRA	40mm Inlay	(NB & SB)	1085	4 x 2 @40mm Inlay	8m2	-	7.4m	TBM from 120mm (unaffected)
-		Ironwork		1087	-	-	Reset 1No. Gully		
-		Ironwork		1117	-	-	Reset 1No. Gully		
6	HRA	40mm Inlay	(NB)	1133	4 x 1m @40mm Inlay	4m2		7.4m	TBM from 120mm (unaffected)
7	HRA	100mm Inlay	(NB)	1142	3 x 3.75 @100mm Inlay	12m2			TBM from 120mm (unaffected)
-		Ironwork		1146	-	-	Reset 1No. Gullu		
8	HRA	100mm Inlay	(NB)	1152	2 x 3m @100mm Inlay	6m2			TBM from 120mm (unaffected)
-		Joint Seal		1194	-	-	8m Joint Seal		
9	HRA	100mm Inlay	(NB)	1212	4 x 2m @100mm Inlay	8m2			TBM from 120mm (unaffected)

Key

Patches A &B:
300mm Inlay Treatment
40mm SMA10 surf PMB 65 PSV Clause 971TAR
60mm AC20 bin 40/60 MCHW Clause 929
200mm AC32 HDM base 40/60 (laid in two layers)
or
100mm Inlay Treatment
40mm SMA10 surf PMB 65 PSV Clause 971TAR
60mm AC20 bin 40/60 MCHW Clause 929

All patches other than A&B:
40mm Inlay Treatment
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

400 linear m of overbanding 100mm wide.

TBM Material at 80mm depth

Chainage zero at North side of Crudgington Crossroads at start of HFS
Rest of site TBM material from 120mm depth

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.
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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	Aproved

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.
  -Primary school within vicinity of works
  -Overhead cables avoid and ensure CS6 is undertaken prior to works.
  TBM material present on site.
  HP GAS main. Contact cadent on 0800688588 prior to works.

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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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.

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

Client
Telford & Wrekin Council

Project
HM20/21 - A442 Crudgington Site 2

Drawing title
Carriageway Patching

Drawing status
A - For Construction

Scale		Date	Drawn-by	Checked-by	Approved-by
1:2000	A1	17.08.2020	TS	SW	SA

DO NOT SCALE FROM THIS DRAWING

Drawing number
A442C-TWC-HPV-00-DR-CH-0701

Rev
C1

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