






Wimble Holme Hill Design




The proposed task is to improve the condition and surface of Wimble Holme Hill bridleway, as agreed by stakeholders through the on-site meeting, to achieve a safe and sustainable route.

From the stakeholder meeting it was agreed that the design should aim for a hard surface of 0.5m with green edges to make 1.5m with 2m passing places and 3m turning places (see figures 1 and 3 for the specification. See figure 5 for locations), this would push the condition of the track above threshold and make track more usable.

Section No.	Section description	Grid reference	Length of section (m)	Current condition	Desired outcome and actions	Resource
1	Gateway	428640,379715 to 428642, 379753	5m		<ul style="list-style-type: none"> • Gate to meet/ exceed British Horse Society standards. • Move stone gate post to accommodate 6ft gate • Install 6ft gate including spring and auto catch. • Install small mounting block • 40mm clean gritstone with surfacing of 20mm – dust used to level and fill in puddles (see figure 1). 	<ul style="list-style-type: none"> • 0.5 tonnes 20mm – dust gritstone • 6' gate • Gate furniture • Wood for mounting block

2	Reasonable surface, flat section with room for passing places	428642, 379753 to 428674, 379760	35m		<ul style="list-style-type: none"> • Fill in any ruts with surfacing 20mm – dust gritstone (see figure 1) 	<ul style="list-style-type: none"> • 4 tonnes stone
3	Uneven section – not on an incline.	428674, 379760 to 428699, 379759	26m		<ul style="list-style-type: none"> • 40mm clean gritstone with surfacing of 20mm – dust used to level and fill ruts. (see figure 1) 	<ul style="list-style-type: none"> • 4 tonnes stone

4	Narrow on undulating ground – on an incline.	428699, 379759 to 428737, 379767	45m		<ul style="list-style-type: none"> • Fill in any ruts with surfacing 20mm – dust gritstone(see figure 1) • Put in turning place at 428732, 379770 (see figure 3) 	<ul style="list-style-type: none"> • 6 tonnes stone
5	Narrow with eroding bank – path collapse in some places	428737, 379767 to 428779, 379756	48m		<ul style="list-style-type: none"> • Build up lower bank using edging boards and back fill using (see figure 2) • Fill ruts and level using 20mm- dust gritstone (see figure 1) • Potential for dwarf shrub planting between edging boards to blend the boards into the landscape • Potential for planting on the slope above and below the track to improve the stability of the embankment. 	<ul style="list-style-type: none"> • 28 edge boards 3.6m x 200 mm x 20 mm • 36 round stakes – pointed 1.5 m x 75 mm x 75 mm • 10 tonnes 20mm to dust stone • 10 tonne 40mm clean gritstone

6	Narrow with ruts. Potential for passing places along this section.	428779, 379756 to 428915, 379809	147m		<ul style="list-style-type: none"> • Fill in any ruts with surfacing 20mm – dust gritstone (see figure 1) • Put in: Passing place with revetment at 428908,379817. Turning places at 428874,379825 and 428824,379804. Passing place at 428793, 379793 (see figure 3). 	<ul style="list-style-type: none"> • 20 tonnes 20mm – dust gritstone
7	Flat, narrow and rutted. Areas for potential passing places.	428915, 379809 to 428932, 379762	55m		<ul style="list-style-type: none"> • Fill in any ruts with surfacing 20mm – dust gritstone (see figure 4) • Passing place at 428932, 379733 and 428921,379781 (see figure 3). 	<ul style="list-style-type: none"> • 5 tonnes of stone
8	Undulating ground with spring crossing the track.	428932, 379762 to 428942, 379745	28m		<ul style="list-style-type: none"> • Agreed to leave this section as it is and monitor 	



9	Eroded grass on incline.	428942, 379745 to 4289621, 379732	21m		<ul style="list-style-type: none"> • Surface with 20mm – dust gritstone (see figure 1) 	<ul style="list-style-type: none"> • 2 tonnes of stone
10	Flat section that joins to Moss Road bridleway.	428962, 379732 to 428987, 379710	34m		<ul style="list-style-type: none"> • Agreed to leave this section as it is and monitor 	
	Entire bridleway track	428640, 379715 to 428987, 379710	444			40 mm clean – 10 tonne 20mm – dust – 51 tonne

Figure 1: Bridleway dimensions

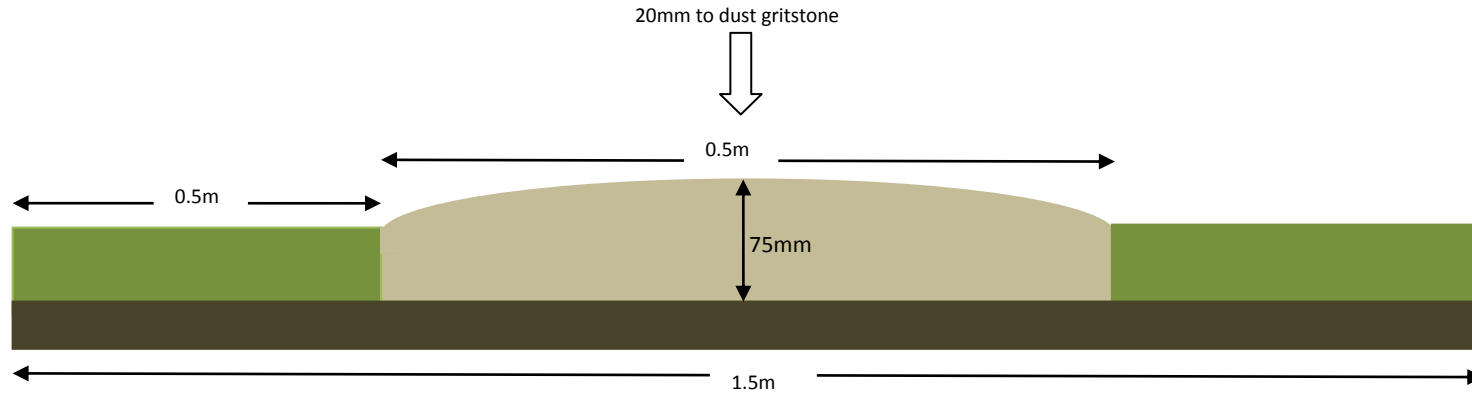


Figure 2: Edge board design

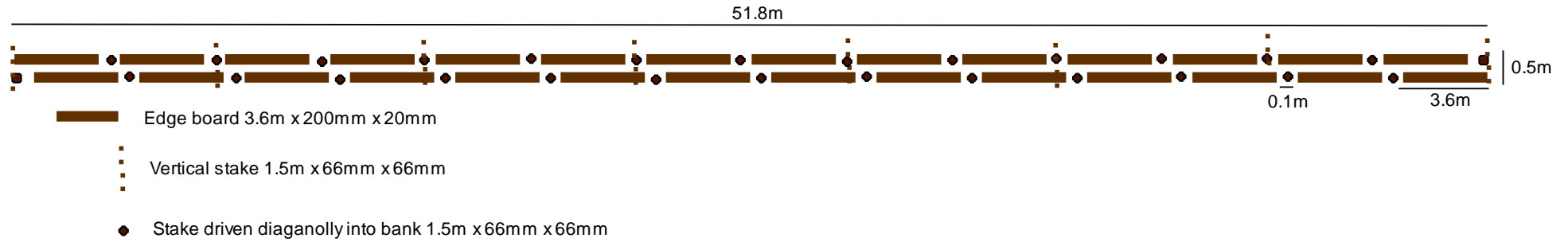
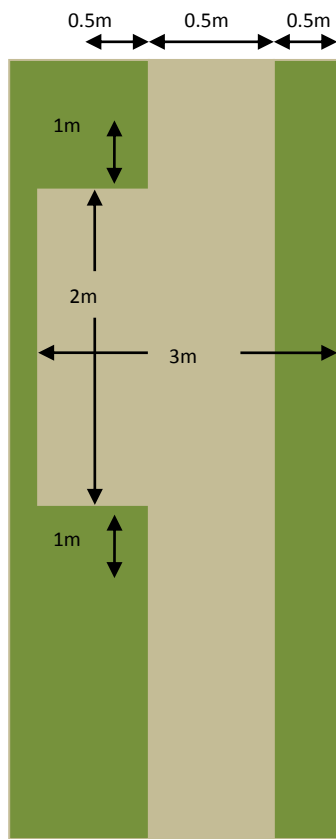


Figure 3: Turning place (a) and Passing place (b) design

a.



b.

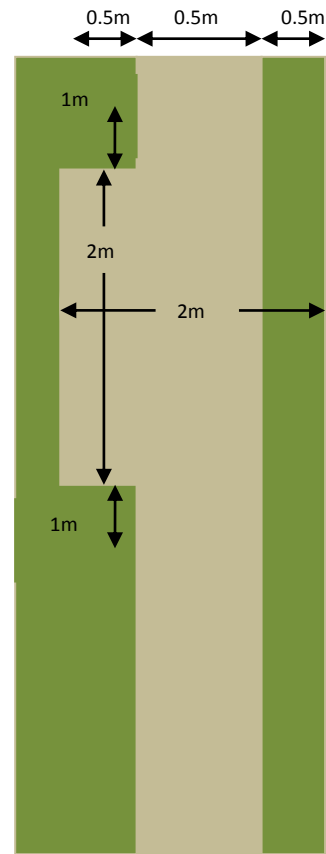


Figure 4: Wimble Holme Hill Route showing management sections

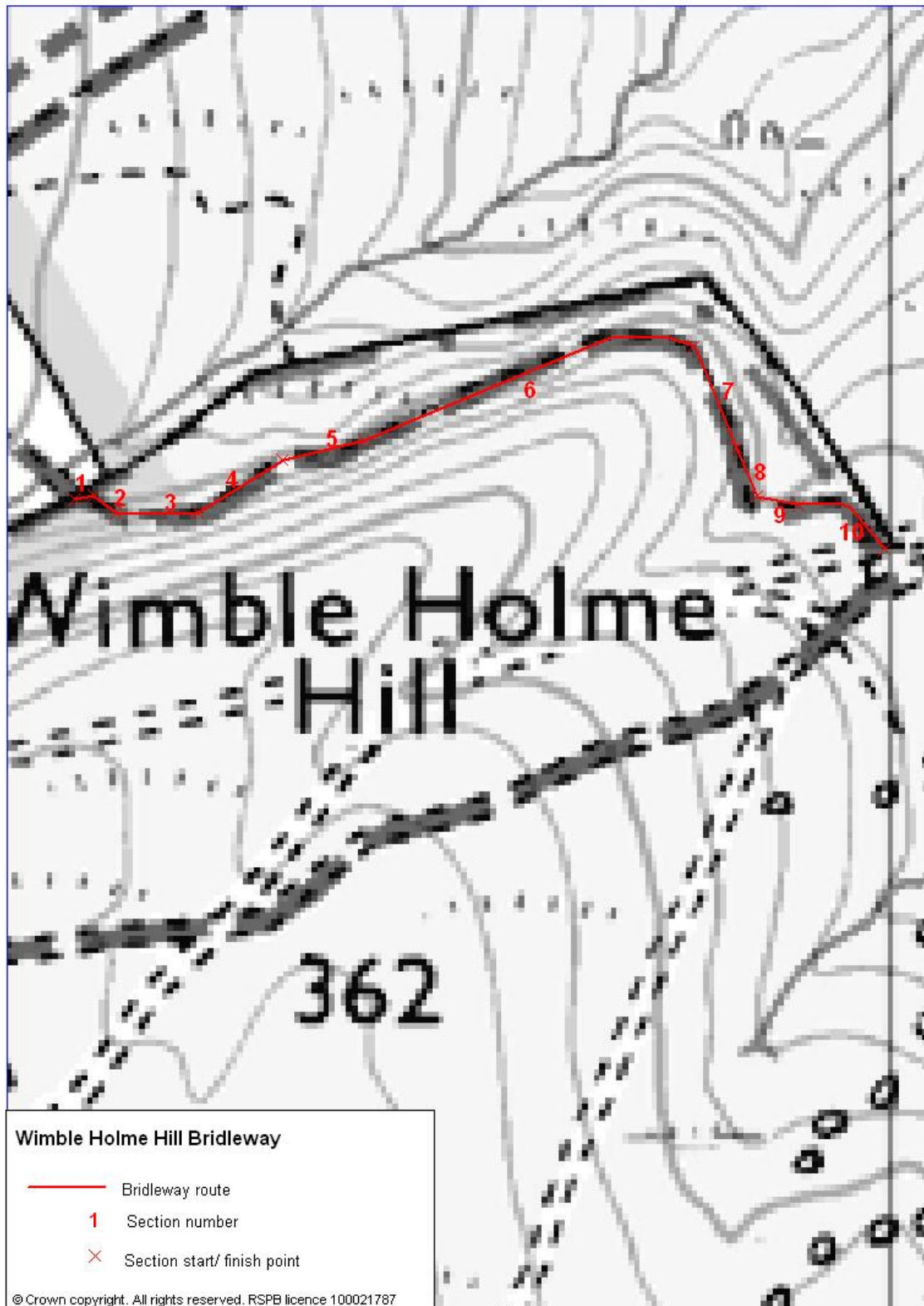


Figure 5: Passing and turning places

