



MetroWest+

Portishead Branch Line (MetroWest Phase 1)

TR040011

Applicant: North Somerset District Council

9.10 ExA.WQ1.D2.V1 – Appendix TT.1.8-1 to Applicant's responses to the Examining Authority's Written Questions ExQ1

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Appendix TT1.8: Revised ES Table 16.8 - Infrastructure measures to be implemented

Note: This table is provide with the Applicant's responses to the Examining Authority's first set of questions. An additional column has been added to Table 16.8 of the Applicant's ES to demonstrate to the Examining Authority how the listed mitigation measures in that Table will be provided.

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
1	Portishead	Phoenix Way / Quays Avenue / Harbour Road	Realignment of Quays Avenue and construction of new roundabout which also includes controlled parallel crossings on the Harbour Road and Phoenix Way arms.	Integral part of scheme	Level crossings not permitted by ORR	Prior to opening	Scheme Promoter	Work No 2.

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
2	Portishead	Quays Avenue	Provision of a Toucan crossing on Quays Avenue west of the station site (entrance).	Integral part of scheme	To meet a pedestrian and cycle desire line from west of the station	Prior to opening	Scheme Promoter	Part of Work No 2.
3	Portishead	Quays Avenue	Provision of two bus stops (east bound and west bound) closer to the railway station.	Integral part of scheme	To enable easier transfer between bus and rail services	Prior to opening	Scheme Promoter	Part of Work No 2.
4	Portishead	Quays Avenue (between the station and Serbert Way)	Extension of the shared footway and cycleway on the west side of Quays Avenue.	Integral part of scheme	To meet a pedestrian and cycle desire line from west of the station	Prior to opening	Scheme Promoter	Part of Work No 2.
5	Portishead	Quays Avenue (between the station and Serbert Way)	Existing traffic island to be replaced with a pedestrian island.	Integral part of scheme	To meet a pedestrian and cycle desire line from west of the station	Prior to opening	Scheme Promoter	Part of Work No 2.

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
6	Portishead	Trinity Primary School	Provision of a bridge compliant with the Equalities Act 2010.	Integral part of scheme	To formalise the crossing point across the railway and to provide access to and from the primary school	Prior to opening	Scheme Promoter	Work No 7.
7	Portishead	Harbour Road (Between Quays Avenue and Newfoundland Road)	Double yellow lines	Traffic management measure	To reinforce use of the provided station car parks and minimise detrimental impacts on local businesses	Prior to opening	Highway Authority	This is included in Sch 14 of the dDCO, but the coverage of the proposed parking restriction was reduced following consultation with the local highway authority.

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
8	Portishead	Haven View (From Harbour Road to Haven View)	Waiting restrictions to 2 hours	Traffic management measure	To reinforce use of the provided station car parks and minimise detrimental impacts on local businesses, residents and the health centre	Prior to opening	Highway Authority	Not described as a separate provision in dDCO Sch 14– but shown on the TRO plan as part of ref 7
9	Portishead	Quays Avenue	Double yellow line	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents	Prior to opening	Highway Authority	In Sch 14 of DCO

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
10	Portishead	Phoenix Way (from Quays Avenue to Marjoram Way)	Double yellow lines (except existing parking bays)	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents	Prior to opening	Highway Authority	In Sch 14 of DCO
12	Sheepway to Pill	National Cycle Network 26	Realignment of existing of NCN 26 and ensure it is constructed to the latest standards	Integral part of scheme	To accommodate railway alignment	Prior to opening	Scheme Promoter	improvements to the NCN route are included in the dDCO as Work 14B (and also see 13 below)
13	Portbury	Royal Portbury Dock Road	Improvements to the existing bridleway uncontrolled crossing point.	Integral part of scheme	To improve safety conditions for pedestrians and cyclists	Prior to opening	Scheme Promoter	Work 14 and 14A and 16

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
14	Portbury to Pill	Under the M5 bridge	Closure of existing bridleway and replacement with a new bridleway under the M5.	Mitigation	To ensure a safe and appropriate route for horse riders as the existing bridleway will be partially required for the new railway alignment	Prior to opening	Scheme Promoter	Work 18
15	Pill	Monmouth Road (from Crusty Lane to Station Road)	Double yellow lines	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents and businesses	Prior to opening	Highway Authority	In Sch 14 of DCO

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
16	Pill	Station Road (Monmouth Road to Sambourne Lane)	Double yellow lines	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents, health centre and businesses	Prior to opening	Highway Authority	In Sch 14 of DCO
17	Pill	Sambourne Lane (from Station Road to the Health Centre front entrance)	Double yellow lines	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents, health centre and businesses	Prior to opening	Highway Authority	In Sch 14 of DCO

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
18	Pill	Station Road (Sambourne Lane to Heywood Road)	Double yellow lines	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents, health centre and businesses	Prior to opening	Highway Authority	In Sch 14 of DCO
19	Pill	Station Road (New Road to Church Walk)	Double yellow lines	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents, health centre and businesses	Prior to opening	Highway Authority	In Sch 14 of DCO

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
20	Pill	Chapel Row / New Road / Myrtle Hill Gyratory	Double yellow lines	Traffic management measure	To reinforce use of provided station car parks and minimise detrimental impacts on local residents, health centre and businesses	Prior to opening	Highway Authority	In Sch 14 of DCO
21	Pill	Ham Green / Macrae Road	Provision of a ghost island	Integral part of scheme	To facilitate HGV movement towards the Pill Tunnel access route	Prior to construction works	Scheme Promoter	Not in DCO as a work but falls within powers to alter streets. The proposal is simply the removal of an existing Island within the highway.

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
22	Ashton Vale	Ashton Vale Road / Winterstoke Road junction	Extension of left-turn lane on Winterstoke Road northbound and upgrade of the mode of control of traffic signals to MOVA. Installation of a replacement pedestrian/cycle ramp to the north of the level crossing to connect pedestrians and cyclists to Ashton Road and the existing network of at grade and subway footpaths and cycle paths.	Integral part of scheme	To improve access to Ashton Vale industrial estate	Prior to opening	Scheme Promoter	Work 28

Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
23	Ashton Vale	Barons Close Pedestrian Crossing	Closure of existing pedestrian crossing across the railway line with a replacement route.	Integral part of scheme	To improve safety for pedestrians	Prior to opening	Scheme Promoter	Power to stop up in DCO

24	Parking (Generally)	In the vicinity of Portishead and Pill Railway Stations	Post implementation monitoring of parking	Monitoring	To measure effectiveness of parking provision	Post implementation for 2 years	Scheme Promoter Local Highway Authority	<p>This would be undertaken by the local highway authority, which has been consulted on the proposed traffic regulation measures in the dDCO.</p> <p>The local highway authority has a rolling programme for reviewing waiting restrictions, on a three year cycle. The local highway authority has confirmed that, if there is a serious problem a temporary measure before the</p>
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Table 16.8: Infrastructure measures to be implemented

Ref	Area	Location	Measure	Type of measure	Rationale	Time-scale	Responsible	How Provided for
								rolling programme reviews the relevant area of concern.