



Pole / Head Schedule - Harbour Road Junction

POLE NUMBER	POLE TYPE	POLE HEIGHT	SPR. DISTANCE FROM FACE TO FACE (mm)	SPR. DISTANCE FROM FACE TO FACE (mm)	HEADS (PHASES)	HEADS	DIRECTIONAL ARROW BOX SIGN ASPECTS	NOTES
1	STANDARD NORMAL	2.0m	750	800	0	PUSH button unit	-	Vehicle & on-creeping detectors
2	STANDARD NORMAL	4.0m	750	800	0	PUSH button unit	-	Photometric call mounted on pole 3.
3	STANDARD NORMAL	4.0m	750	800	0	PUSH button unit	-	Secondary boards
4	STANDARD NORMAL	4.0m	750	800	0	PUSH button unit	-	Vehicle & on-creeping detectors
5	STANDARD NORMAL	2.0m	750	800	0	PUSH button unit	-	Secondary boards
6	STANDARD NORMAL	2.0m	750	800	0	PUSH button unit	-	Vehicle & on-creeping detectors
7	STANDARD NORMAL	4.0m	750	800	0	PUSH button unit	-	Secondary boards
8	STANDARD NORMAL	2.0m	750	800	0	PUSH button unit	-	Vehicle & on-creeping detectors
9	STANDARD NORMAL	4.0m	750	800	0	PUSH button unit	-	Vehicle & on-creeping detectors
10	STANDARD NORMAL	4.0m	750	800	0	PUSH button unit	-	Vehicle & on-creeping detectors

Detector Schedule

DETECTOR NUMBER	DETECTOR NAME	DETAILED PHASE	EXTEND PHASE	DISTANCE FROM STOP LINE (m)	DETECTOR TYPE	NOTES
1	AN1	-	-	80.0	Loop	-
2	AN2	-	-	80.0	Loop	-
3	AN3	A	A	35.0	Loop	-
4	AN4	A	A	35.0	Loop	-
5	AN5	A	A	5.0	Loop	-
6	AN6	A	A	5.0	Loop	-
7	AN7	-	-	80.0	Loop	-
8	AN8	B	B	35.0	Loop	-
9	AN9	B	B	35.0	Loop	-
10	AN10	B	B	5.0	Loop	-
11	AN11	B	B	40.0	Loop	-
12	AN12	C	C	30.0	Loop	-
13	AN13	C	C	30.0	Loop	-
14	AN14	C	C	5.0	Loop	-
15	AN15	C	C	5.0	Loop	-
16	AN16	D	D	5.0	Loop	WMA Out Detector
17	AN17	D	D	-	Loop	Call/crossing presence loop



- Key:**
- Existing Alignment
 - Indicative Alignment
 - Indicative parapet/safety fence
 - Indicative earth retaining wall
 - Indicative bridge footprint
 - Junction Intervisibility
 - 1x100mm Orange high impact duct
 - 2x100mm Orange high impact duct
 - 4x100mm Orange high impact duct
 - RAG signal head
 - 3 aspect signal with light turn filter
 - On-creeping pedestrian/cyclist detector
 - Keyp side pedestrian/cyclist detector
 - Passively safe signal pole
 - Passively safe short signal pole
 - NAL retention socket
 - Controller
 - Toucan display unit with separate push button
 - Push button
 - Composite 600x600mm duct box
 - Composite 450x450mm duct box
 - Carriageway loop box
 - Existing spot levels

- Notes:**
- All dimensions are in metres unless noted otherwise.
 - Layout shown is preliminary and subject to a full topographical survey.
 - Layout is based on Design Manual for Roads and Bridges
 - 3.1. TD 42 / 95 - Geometric Design of Major/Minor Priority Junctions and Roundabouts.
 - 3.2. TD 50/04 The Geometric Layout of Signal Controlled Junctions and Signalled Roundabouts.
 - Assumed speed limit is 30mph on Quays Avenue and Harbour Road and 20mph on Phoenix Way.

Rev	By	Chkd	Issued	Date	Description
1					

DO NOT SCALE. This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialist Manufacturer's drawings and specifications. If in doubt please consult the Engineer.

Drawing Status: **FEASIBILITY**

Client: **North Somerset**

Project: **Portsmouth Rail Corridor Feasibility Study**

Project: **General Arrangement Option B Signalled Junction**

Drawn by: SP6G Date: 16. June 10

Checked by: LT Date: 16. June 10

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Drawing No: **CT RAEB 210-101** Revision: -

Drawing Scale: 1:500 @ A1

Halcrow Group Ltd
 Halcrow Group, South, Worcester, WR5 2JG
 Tel: +44 (0)1905 361 300 Fax: +44 (0)1905 361 322
 Information

Halcrow