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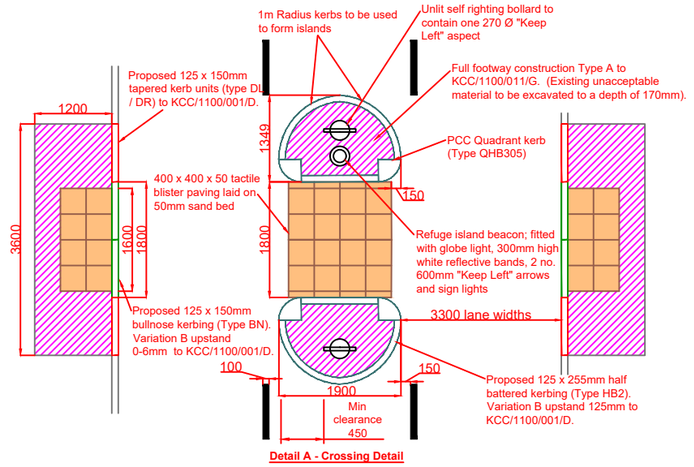

Detail A - Crossing Detail

N

New Street Lighting. See Detail B.

Installation new of pedestrian crossing point. See Detail A.

New hatch markings between new island and existing right turn hatching at Crete Road East.

3 new deflection arrows.

Remove existing centreline and mark new 80m long hatched taper Diag 1040.

Existing footway to be taken up and reconstructed to a depth of 170mm. Footway to be leveled down towards the carriageway, new concrete edgings to be installed at the back of the footway and vegetation sided back away from the footway.

Remove existing centreline and 3 deflection arrows

Existing hatched taper to be removed.

Installation of polyethylene reflective bollards at 5m intervals

New kerbline to be installed in this section - 45° Splay Kerbs with 50mm upstand.

Two lateral rows of deep section 500mm wide Accodrain or similiar linear drainage system outfalling into existing gullies.

Existing arrester bed stone to be levelled, reduced in depth at the front of the bed and the excess can be taken to the rear end. Weeds to be removed.

All vegetation over hanging the footway to be cut back so that it is inline with the existing wall.

Detail B - Street Lighting

3 no. 10m lighting columns with CU Phosco P863-32-C2-NW-E1000 95 Watt luminaires to be installed.

1 no. 100mm orange ducting to be installed within the footway/verge with 400mm cover. Street lighting warning tape to be installed before backfill. 16mm cable to used to connect lights.

2 no. 100mm orange ducting to be installed within the road to power refuge island beacon with 600mm cover. Street lighting warning tape to be installed before backfill. 16mm cable to be used to feed refuge island beacon and 2no. 610 signage.

Notes

1. All dimensions are proposed and in metres unless otherwise stated.
2. All setting out is to be agreed on site with the Engineer prior to commencement of works.
3. All precast concrete (PCC) kerbing and edging shall be in accordance with BS7263, Part F.
4. Any voids between new kerbs and existing carriageway shall be reinstated with 10mm AC 10 close surf.
5. Surfaces between bituminous materials shall be saw cut to provide a clean vertical joint.
6. Vertical faces of existing bituminous materials shall be primed with bitumen. Existing horizontal or inclined surfaces shall be tack coated in accordance with Appendix 7/4.
7. New footway surfaces shall be laid with 1:40 crossfall towards carriageway unless otherwise stated with no point having a crossfall greater than 1:12.
8. Existing surfaces overlaid shall be swept clean prior to overlay and sprayed with tack coat.
9. All existing covers in areas to construction to be raised to suit new levels.
10. All existing road markings that conflict with the proposed are to be removed.

General key

- New 10m lamp column to be installed with CU Phosco P863-32-C2-NW-E1000 95 Watt luminaires.
- 2 No. 100Ø Ducts in carriageway (CW/2).
- 1 No. 100Ø Ducts in footway/verge (FW/1).
- Full footway construction Type A to KCC/1100/011/G. (Existing grass verge / unacceptable material to be excavated to a depth of 170mm).
- Proposed 125 x 255mm half battered kerbing (Type HB2). Variation B upstand 125mm to KCC/1100/001/D.
- Proposed 125 x 150mm bullnose kerbing (Type BN). Variation B upstand 0-6mm to KCC/1100/001/D.
- Proposed 125 x 150mm tapered kerb units (type DL / DR) to KCC/1100/001/D.
- PCC quadrant kerb (Type QHB305).
- Buff PCC tactile paving. 50mm thick slabs, to KCC/1100/015. Blisters to align with tactiles on opposite side of road.

Sign & Lines Key

- 1/1 Non-illuminated traffic sign (refer to Sign Schedule).
- 1/1 Illuminated traffic sign (refer to Sign Schedule).
- 1/1 Sign to be removed (refer to Sign Schedule).
- Sign position and orientation.
- B Glasdon Vergemaster RX Marker Post - Extended Base Type.
- 1028.4 Road marking TSRGD 2016 Diagram number.
- Proposed 50 x 150mm PCC edging to KCC/1100/001/D.

Rev	Revision Date	Purpose of revision	Drawn	Check	Appd
3	12/11/2020	Additional works.	DW	DC	
2	05/11/2020	Detailed design following RSA.	DW	DC	
1	14/09/2020	Detailed design following RSA.	DW	DC	
0	09/07/2020	Draft for discussion.	DW	DC	

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Project: SAFETY IMPROVEMENTS ON B2011 DOVER HILL, CAPEL-LE-FERNE

Drawing title: DETAILED DESIGN

Drawing status: PRELIMINARY

Scale: N.T.S | Do not scale

Drawing number: 2021-CRM-FH-003-100 | Rev: 3

This drawing is not to be used in whole or part other than for the intended purpose and project as defined on this drawing. Refer to the contract for full terms and conditions.