

CAMBOURNE TOWN COUNCIL
District of South Cambridgeshire

Traffic Matters and Road Safety
Council Meeting 1st October 2019

Hi John

My update is:

The originally planned work on the spine road carriageways is nearly complete. Their remains only the following carriageway resurfacing to finish:

- 60m of De La Warr Way, from the junction with Back Lane down to the entrance to Morrisons delivery yard. This will commence on Tuesday 1st October, and run in conjunction with work to rectify voids beneath the road construction where the new hotel site recently made a sewer connection. This work should not affect traffic because De La Warr Way is closed. There will be no traffic control in other roads. It should allow the re-opening of that road.
- A length of carriageway surface course just in front of the entrance to the pavilion / current site compound in Upper Cambourne. This will involve traffic control and a bus diversion. We will let you know more when we have the details. The timing of this item is unknown because we are just waiting to hear whether DA Cant will be awarded the contract to carry out the Section 278 adoption works at the Broad Street / School Lane / High Street junction*. If they are, and because they are well ahead of schedule on their existing works, we will ask if they can keep their compound in place until it is done. This will be about two weeks work.

We have some sewer patch ling to complete. This involves access to various pipes via manholes and road gullies. Much of the is to be done under localised traffic management, but there are a couple of manholes that are so near the centre of the road that we will have to close / divert while the liner is inserted.. We are awaiting details from the drainage company and will let you know.

*The Broad Street junction remedial list and drawing are attached. It involves some high friction surfacing on the approaches to the zebra crossing, the installation of a new gully on Broad St, and adjusting another (to resolve some big puddles) and resurfacing in Broad Street.

Hopefully the council members are pleased to see the extensive surfacing and street lighting work currently being carried out. Some of the roads are now quite some years old and we hope to hand them over to Cambs CC in a good condition.

Kind regards

Andrew Cole

Client: MCA Developments Ltd
Site: Broad Street Junction
Location: Cambourne

Report Title: Highway Remedial List
Report Date: July 2019

Bovis Homes 

Taylor
Wimpey

Vine
TECHNICAL SERVICES

REPORT QUALITY CONTROL

Issue Number: 001
Prepared by: Evie Lewis
Checked by: Andrew Cole
Approved by: Phil Bird

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Issuer signature:



Checker signature:



Approval signature:



REPORT RECIPIENTS

1. Bovis Homes (Northern Home Counties)
2. Taylor Wimpey (East Anglia)
3. Contractors

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1. Brief

Vine Technical Services have been appointed by MCA Developments Ltd to progress completion and adoption of the S278 works to Broad Street Junction, Cambourne. Some final remedial works are required as a result of a road safety audit and final inspection.

This remedial list should be read alongside drawing numbers:

- 411/200 Rev A - Broad Street Improvements for Road Safety Audit
- 411/140 Rev D - Adoptable Highway Construction Details
- TWA028.00-001/002 - New Gully Installation

Pre-construction information will be provided to the contractor for tender.

The contractor should include provision for any traffic management required for the works, and submission of any road notices or permits required, given that School Lane and Broad Lane are both adopted highways.

2. General Items

- 2.1. Weed spray edgings, kerb line and channel at commencement of works.
- 2.2. Repaint all white lining according to drawing no. 411/200 Rev A following all resurfacing works.
- 2.3. Jet and CCTV 6no. gully connections, estimated 30 linear metres in total.
- 2.4. Empty 6 no. gullies.
- 2.5. Mechanically sweep site on completion of works.

3. Highway Remedial Works

School Lane (north side)

- 3.1. Remove all existing timber bollards and surrounding concrete. Break out existing red cycleway surface course, approx. 20m². Install tactile paving as per drawing no. 411/200 Rev A and in line with Appendix 8 of the Cambridgeshire County Council specification (uncontrolled pedestrian crossing). Install cycleway chicane as per drawing 411/200 Rev A. Fencing should be Broxap BX14 4205 or similar coated black. Relay cycleway surface course, approx. 20m² and patch repair around barrier posts if required.



School Lane (south side)

- 3.2. Break out existing red cycleway surface course, approx. 19m². Install tactile paving as per drawing no. 411/200 Rev A and in line with Appendix 8 of the Cambridgeshire County Council specification (uncontrolled pedestrian crossing). Relay cycleway surface course, approx. 19m².
- 3.3. Apply non-slip coating to manhole in crossing, Premark or similar.



School Lane

- 3.4. Plane out 35m of carriageway surface course on both approaches to zebra crossing, and relay with buff coloured high friction surfacing, totalling approx. 243m². See 411/200 Rev A.



School Lane, outside retail units

- 3.5. Lift and relay block paving to correct levels, approx. 1m². Re-sand once complete.



- 3.6. Break out from behind and replace 1no. conservation kerb. Re-haunch and relay block paving behind approx. 0.5m². Re-sand once complete.



- 3.7. Apply non-slip coating to manhole in crossing, Premark or similar.



Eastern side of School Lane/Broad Street Junction

- 3.8. Lift and relay block paving behind kerbs on radius to correct levels, approx. 1m². Re-sand once complete.

Eastern side of Broad Street

- 3.9. Lift and relay block paving north of pedestrian crossing to correct levels, approx. 1m². Re-sand once complete.
- 3.10. As per drawing no. TWA028.00-001/002, lower gully and reset 6no. channel blocks to the north to correct fall.



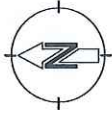
Western side of Broad Street

- 3.11. Break out from behind and replace 1no. conservation kerb. Re-haunch and relay block paving behind approx. 0.5m². Re-sand once complete. Location will be marked at pre-start meeting.
- 3.12. Lift and relay 8no. conservation kerbs to correct levels. Re-haunch and relay block paving behind, approx. 4m². Re-sand once complete. Kerbs to be marked at pre-start meeting.
- 3.13. Cap and fill existing gully as per drawing no. TWA028.00-001/002. Reinstate channel kerbs.
- 3.14. Install new gully as per drawing no. TWA028.00-001/002 and connect into highway catch pit HW12. Contractor should check existing channel levels to verify location of new gully on site before installation. Channel kerbs should be re-set around to suit.
- 3.15. Plane out and relay surface course, approx. 291m² and in accordance with drawing no. TWA028.00-001/002.

Notes

New Junction layout provided by Taylor Wimpey, drawing no. 411/230 Rev.A

- HW12 Highway Surface Water Sewer and Manhole
- S7 Surface Water Sewer and Manhole
- F1 Foul Water Manhole
- Level Point - Temporary Bench Mark
- Level Mark - Channel
- Surface Course Reinforcement Area
- New Gully and Connection



New gully to be installed at lowest point in channel (contractor to verify location). Gully to be installed in accordance with drawing no. 411/140 Rev D.

Existing gully to be capped and filled. Reinstate channel line.

Temporary benchmark taken from manhole cover, location approximate.

Connect new gully into existing highway catch-pt. HW12 (contractor verify location).

Lower gully and lift and relay 6no. channel blocks in front to correct ponding.

Surface course to be planned out and relayed, approx. 291m².

REV	DESCRIPTION	DATE	BY	APPROVED
1	First Issue	24/07/19	EL	PJB
DRAWING No. TWA028.00-001/002				
SCALE: 1:1				
EXTERNAL REF.				
DRAWING TITLE: New Gully Installation				
PROJECT: Broad Street Junction, Cambourne				
ON BEHALF OF:				
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