

## ***Tannery Bridge (Downton) Replacement Scheme***

WCC Bridge Number C12/217

### **Progress Report: Week 3**

This report details progress for the period between 26<sup>th</sup> March – 1<sup>st</sup> April 2007. During this week work on the temporary footbridge has continued. The second weekend closure has been completed.

### **Weather**

Cool and with occasional showers all week

### **Meetings & Site Instructions**

- Representatives from Mouchel Parkman (MP) & Alun Griffiths (AG) met with Signway (road signs) on Tuesday 29<sup>th</sup> March 2007 to discuss problems with the advanced warning signs. Following this meeting Signway accelerated its manufacturing process to address gaps in the scheme signing.
- Representatives from Mouchel Parkman (Traffic Section) met with Signway representatives on site on Friday 31<sup>st</sup> March 2007 to resolve outstanding issues with the scheme signing.
- Instructions issued this week:
  - a) Mouchel Parkman issued an instruction to Alun Griffiths concerning the relocation of the large 'no lorries' sign on The Borough. The sign will be relocated to the green area prior to the Co-operative Supermarket on The Borough. Relocation has been necessary due to lorries using the green as a turning point.
  - b) Mouchel Parkman issued an instruction to Alun Griffiths concerning keeping the scheme board and road closure sign, currently located on The Borough, on temporary A-frames until the Downton Cuckoo Fair has been held. This instruction has been necessary to avoid the signs obstructing the marquees used for the fair.

### **Summary of progress**

- Trial holes have been dug by hand in the verge outside of the Old Tannery to locate services in advance of the construction of the footbridge foundations.
- The site cabins have been delivered to the site storage compound in Downton Business Park. Electricians have been working in the compound this week connecting the electrical supply to the cabins.
- The site accommodation cabin located in the lane closure has been relocated further up The Borough. This move was necessary to increase the available working room at the bridge.
- Further hand demolition of the brickwork headwall alongside the Old Tannery has been completed. It has been necessary to remove an additional course of bricks to prevent the headwall fouling the installation of the temporary footbridge.

- The footbridge embankment foundations have been constructed. The ballast walls on the bases will be cast following installation of the footbridge. See photograph 1.
- The fabrication of the footbridge centre pier cap has been completed by Access Engineering, Downton. The cap was installed on Friday 30<sup>th</sup> March 2007, the fixing of the cap to the culvert units was completed during this weekend's road closure. See photograph 2.
- BT Openreach has been on site continuing preparations for their service diversions. This involved the continuation of trench works commenced last week. The installation of the service ducts across the highway on The Borough was completed during this weekend's road closure to minimise the disruption to traffic.
- Signway attended the site on Friday 30<sup>th</sup> March 2007 to erect further advance warning signs on the A338, B3080, B3079 & M27 Junction 1 off the slip road. The advance warning signs have been manufactured with a fold over face to allow the signs to be used as an advanced warning of the 7.5T weight limit, as well as an the advanced warning of the closure of the B3080 at Tannery Bridge. See photograph 3.
- During this weekend's road closure the temporary footbridges have been erected by Fairfield Mabey. The footbridges will carry both pedestrians and services throughout the main bridgeworks. See photographs 4 -6

### **Problems Encountered During This Week**

- During the excavations for the service trenches a street lighting cable was accidentally struck. As a result the street lights located in the centre of the bridge and at The High Street/Waterside junction will temporarily be out of service until a repair can be undertaken. This problem has been reported to SEC by both BT Openreach and Mouchel Parkman in order that a repair can be arranged.
- During the works on Friday 30<sup>th</sup> March 2007 the timings on the traffic lights were reset as several vehicles jumped the red phase of the traffic lights. It was therefore necessary for Alun Griffiths' site staff to manually manage traffic flows through the site for a short period of time. Regrettably this meant some motorists experienced short delays to their cross-village journeys.
- During the works on Saturday morning accidental damage was sustained to a low voltage electricity cable serving properties on the High Street. Representatives from Southern and Scottish Electricity (SSE) Distribution attended the site to repair the damaged cable the same day. This damage resulted in some properties on the High Street experiencing a loss of electricity for a short period.

### **Planned works for week ahead**

- The utility companies will be on site during the next week diverting services located in or suspended on the bridge. The services will be diverted through ducts suspended on the temporary footbridge.
- The ballast walls on the temporary bridge pile caps will be cast.

- The construction of the temporary bridge approach ramps will commence.
- The single lane of traffic will be diverted from the south lane onto the north lane during the early part of the week.
- The foundations for the temporary footbridge will be marked out on site. Trial holes will be excavated in the carriageway above the existing east and west abutments to locate all services in advance of the foundation construction works due to commence shortly after Easter.
- The erection of the crash deck beneath the existing deck will commence this week. The crash deck is to be erected beneath the existing deck to catch any debris arising from demolition operations, thus preventing any debris entering the watercourse.

### **Other programming items or issues**

- Dates of upcoming road closures:
  - 0001hrs on Saturday 21<sup>st</sup> April 2007 to 2359hrs on Sunday 22<sup>nd</sup> April 2007  
**(amended date)**
  - 0001hrs to 2359hrs on Saturday 5<sup>th</sup> May 2007
  - 2 no weekend closures October 2007 – dates TBA
- Scheme progress review to be held between Wiltshire County Council, Mouchel Parkman and Alun Griffiths on Wednesday 4<sup>th</sup> April 2007.



Photo 1 – Temporary footbridge foundation construction (Old Tannery end)



Photo 2 – Temporary footbridge centre pier capping piece installation



Photo 3 – Advance warning signs, clockwise from top left – A338/A36 Jn, A338 (Britford), A338 (Charlton All-Saints), A338/B3080 Jn, A31/B3079 Jn



Photo 4 – Temporary footbridge erection (pre-lift)



Photo 5 – Temporary footbridge erection (during lift)



Photo 6 – Temporary footbridge first section