To: Tonbridge and Malling Joint Transportation Board

By: KCC Highways and Transportation

Date: 7th June 2016

Subject: Highway Works Programme 2016/17

Classification: Information Only

Summary: This report updates Members on the identified schemes approved for construction in 2016/17

1. Introduction

This report provides an update and summarises schemes that have been programmed for delivery in 2016/17

Footway and Carriageway Improvement Schemes – see Appendix A

Drainage Repairs & Improvements – see Appendix B

Street Lighting – see Appendix C

Transportation and Safety Schemes – see Appendix D

- Casualty Reduction Measures see Appendix D1
- Integrated Transport Schemes see Appendix D2
- Local Growth Fund see Appendix D3

Developer Funded Work – see Appendix E

Section 278 Works – see Appendix E1 Section 106 Works – see Appendix E2

Bridge Works - see Appendix F

Traffic Systems – see Appendix G

Combined Member Fund – see Appendix H

Conclusion

1. This report is for Members information.

Contact Officers:

The following contact officers can be contacted on 03000 418181

Alan Casson Resurfacing Manager
Katie Moreton Drainage Manager
Sue Kinsella Street Lighting Manager

Toby Butler Intelligent Transport Systems Manager

Katie Moreton (Interim) Structures Manager
Jamie Hare Development Agreement Manager

Louise Rowlands Development Planner

Jamie Watson Transportation and Safety Schemes Manager

Jamie Watson Combined Member Fund Manager

Appendix A – Footway and Carriageway Improvement Schemes

The delivery of these schemes is weather dependent; should it prove not possible to carry out these works on the planned dates, new dates will be arranged and the residents will be informed by a letter drop to their homes.

Surface Treatment Schemes – Contact Officer Mr Clive Lambourne				
Road Name	Parish	Extent of Works	Current Status	
Borough Green Road	lghtham	Ightham Bypass to Western Road Surface Dressing	Programmed May 2016	
High Cross Road	lghtham	From Tonbridge Road to Mote Road Micro Surfacing	To Be Programmed Summer 2016	
Pine Tree Lane	lghtham	Coach Road to Stone Street Road Micro Surfacing	To Be Programmed Summer 2016	
Priory Road	Tonbridge	Strawberry Vale to Railway Approach Micro Surfacing	To Be Programmed Summer 2016	
Garden Road	Tonbridge	Whole length Micro Surfacing	To Be Programmed Summer 2016	
Basted Mill	Platt	Whole length Micro Surfacing	To Be Programmed Summer 2016	
Riding Lane	Hildenborough	Various sections along the lane Micro Surfacing	To Be Programmed Summer 2016	
Audley Avenue	Tonbridge	Pembroke Road to Audley Rise Micro Surfacing	To Be Programmed Summer 2016	
High Street	East Malling	Mill Street to The Rocks Road Micro Surfacing	To Be Programmed Summer 2016	
Chapel Street	East Malling	The Rocks Road to Manningham House	To Be Programmed Summer 2016	
Rochester Road	Aylesford	Pilgrims Way to Unwin Close Surface Dressing	Programmed May 2016	
Comp Lane	Platt	Seven Mile Lane to Comp Lodge Surface Dressing	Programmed May 2016	

Machine Resurfacing – Contact Officer Mr Byron Lovell

Road Name	Parish	Extent of Works	Current Status
B245 Tonbridge Road	Hildenborough	Resurfacing the junction with Riding Lane	Postponed until Planned Utility works are completed.
Hall Road	Aylesford	Various sections along Hall Road	Programmed for 26 th June
Dry Hill Park Road	Tonbridge	From junction of London Road to junction of Shipbourne Road (including roundabout)	Programmed for July/August 2016

Footway Improvement - Contact Officer Mr Neil Tree

Road Name	Parish	Extent and Description of Works	Current Status
High Street	Tonbridge	From its junction with Bordyke to outside number 135. This scheme is currently in the design stages	Works are included within the Tonbridge High Street Regeneration Scheme
Keats Road	East Malling and Larkfield	Entire Length (Footway Reconstruction)	Completed.
Shipbourne Road	Tonbridge	From its junction with Welland Road to the YMCA at No. 164 Shipbourne Road. (Footway Reconstruction).	To be designed and programmed
Lillieburn	Leybourne	From its junction with Castle Way to its junction with Oxley Shaw Lane. (Footway Protection Treatment).	To be programmed (Works subject to specialist contractor assessment)

Appendix B - Drainage

Drainage Works – Contact Officer Kathryn Moreton				
Road Name Parish Description of Works Current Status				
No Drainage works planned over £5000				

Appendix C – Street Lighting

Structural testing of KCC owned street lights has identified the following as requiring replacement this financial year. A status of complete identifies that the column replacement has been carried out. Programme dates are identified for those still requiring replacement.

Street Lighting Column Replacement – Contact Officer Sue Kinsella			
Road Name	Parish	Description of Works	Status
Haleys Place	Burham	Replacement of 1no streetlight complete with LED lantern	Completed
Uridge Road	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Completed
Framley Road	Higham	Replacement of 9no streetlights complete with LED lantern	Completed
Guestwick	Higham	Replacement of 1no streetlight complete with LED lantern	Completed
Allington Drive	Higham	Replacement of 6no streetlights complete with LED lantern	Completed
Three Elm Lane	Hadlow	Replacement of 3no streetlights complete with LED lantern	2 no Completed Letters have been sent to local residents requesting permission to access land and UKPN cable which is in their grounds. Currently awaiting response, as soon as we receive this then the works will be programmed. Expected completion by July 2016

Rochester Road	Burham	Replacement of 10no streetlight complete with LED lantern	1 no streetlight still awaiting replacement, this is being programmed and due for completion by July
Cedar Crescent	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Greenfrith Drive	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Griggs Way	Borough Green	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Higham Lane	Tonbridge	Replacement of 2no streetlights complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Laker Road	Rochester	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Maltings Close	Hadlow	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Old Parsonage Court	West Malling	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Park Way	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Quincewood Gardens	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Rembrandt Close	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016

Stacey Road	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Waveney Road	Tonbridge	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
St Peters Road	Ditton	Replacement of 1no streetlight complete with LED lantern	Works currently being programmed and expected for completion by September 2016
Keyes Garden	Tonbridge	Replacement of 1no streetlight complete with LED lantern following RTC	Works currently being programmed and expected for completion by September 2016
Dry Hill Park Road	Tonbridge	Removal and disconnection of 1no redundant sign post	Works currently being programmed and expected for completion by September 2016
Coldharbour Roundabout	Aylesford	Replacement of 1no streetlight complete with LED lantern following RTC	Works currently being programmed and expected for completion by September 2016
Nepicar Roundabout	Nepicar / Wrotham	Replacement of 1no sign post complete with LED Downflood following RTC	Works currently being programmed and expected for completion by September 2016
Fellowes Way	Hildenborough	Replacement of 1no streetlight complete with LED lantern following RTC	Works currently being programmed and expected for completion by September 2016

Appendix D – Transportation and Safety Schemes

Appendix D1 – Casualty Reduction Measures

Identified to address a known history of personal injury crashes:

Location	Parish	Description of Works	Lead officer	Current Status
A26 Hadlow High Street	Hadlow	CRM Safety improvement Tree now pollarded, scheme under development. Change of junction from GIVE WAY to STOP	Steven Noad	Design work complete. Construction works to be programmed during 2016/17.

<u>Appendix D2 – Integrated Transport Schemes</u>

All other LTP funded non-casualty reduction schemes:

Location	Parish	Description of Works	Lead officer	Current Status
A25 Maidstone Road	Borough Green	Traffic Management Options Report	Michael Hardy	Work waiting to be programmed with Streetworks due to other work in the area.

Appendix D3 - Local Growth Fund

Local Growth Fund programme update for the Tonbridge and Malling Borough.

The Department for Transport (DfT) added £100m to the Local Growth Fund (LGF) pot in order to fund Local Sustainable Transport Fund Style schemes. KCC subsequently submitted four Local Sustainable Transport Fund (LSTF) capital bids 1) East Kent – A network for Growth, 2) Kent Thameside – Integrated door-to-door journeys and 3) West Kent – Tackling Congestion. The fourth was for Tonbridge Town Centre Regeneration, which included a highway improvements scheme in the Lower High Street as well as additional LSTF style measures. The objective of all of the capital bids is to boost economic growth by decreasing carbon emissions and reducing congestion.

The Kent Thameside, West Kent and Tonbridge Town Centre Regeneration bids were all successful. The schemes aim to:

- improve access to employment and services
- reduce the need to travel by the private car
- enhance pedestrian, cycle and public transport facilities
- improve sustainable transport connections

The following schemes have been submitted as part of the successful West Kent LSTF this financial year.

Local Growth Fund (Transport Innovations)				
Scheme Name	Description of Works	Current Status		
Snodland Train Station Improvements	Improvements to the station forecourt / access and provision of additional cycling and car parking facilities.	Station building is being decorated with the new ticket office booths expected to be installed imminently. The extended car park area has been created with final surface finishing still required but scheduled to happen in the coming weeks.		
		Works on the Highway are expected to take place in June/July.		
	Installation of wayfinding signs and	All fingerpost refurbishment complete.		
Tonbridge Wayfinding signs	monoliths to assist pedestrians and visitors in Tonbridge.	Monoliths have been manufactured and will be delivered once mapping artwork complete.		
Tonbridge Town Centre cycle routes	New cycle routes to link the train station interchange with nearby schools and town centre.	Designs being investigated for a route connecting Brook Street with Railway Station and local schools. Please see individual scheme reports below.		
Local Growth Fur	nd (Schemes Planning and Delivery)			
Tonbridge High Street Regeneration Phase 1	The key elements of which are to widened footways and provide a raised speed table, Define delivery areas level with the footways, provide a 20mph speed limit, and install quality street furniture	The project started on 17th August 2015 and was initially anticipated to be completed by the end of March 2016. Delays due to a number of factors including unknown underground Utility company diversions, significant drainage issues, access requirements and recently late delivery of materials has led to the completion date being pushed back to the end of May. The recent closure of Medway Wharf Rd caused significant delays with it eventually being opened on 14th May. It is anticipated that the 2 way working will return on Thursday 19th May.		

Hadlow Road / Cannon Lane, Tonbridge Junction Improvement	Cannon Lane localised carriageway widening and refuge island alterations to provide pedestrian phase to traffic signals at the junction.	The scheme to provide pedestrian crossing facilities is at the detailed design stage. Discussions are taking place on whether the design achieves the aims and if so when the most appropriate time is to deliver the project.
River Walk, Tonbridge Pedestrian/Open Space Improvements	Environmental improvements to surfacing materials and street furniture to enhance the riverside location encourage visitors to come to the area and stimulate local growth.	Scheme being designed and prepared for construction phase. Construction planned to commence Autumn 2016.
Tonbridge Station to A21 non-motorised user route (NMU) Cycle Route	Installation of off-carriageway cycle route to link the station to the NMU under construction as part of the A21 widening, via Pembury Road and Vauxhall Roundabout.	Outline design completed. Scheme detailed design planned for 16/17. Further discussions with key stakeholders to be held during May/June 2016. Funding still to be agreed.
Tonbridge Angels to Tonbridge Station Cycle Route	Phase one; Tonbridge Angels (Darenth Avenue) to London Road, partly oncarriageway, partly off-carriageway cycle route provision.	Outline design underway. Scheme to be designed and prepared for construction phase, planned for Autumn/Winter 16/17.
Brook Street/Waterloo Road Cycle Route	Improvements to existing cycle facilities in Brook Street and new cycle route in Waterloo Road to improve cycle links to Tonbridge Station.	Outline design underway. Scheme to be designed and prepared for construction phase, planned for Autumn/Winter 16/17.
High Street / Bordyke and London Road / Shipbourne Road junctions Traffic Control	Investigation of causes of congestion across these junctions to seek possible methods of reducing congestion and improve traffic flows	Congestion is caused largely by the interaction of the two junctions due to their close proximity to each other. The signals have been optimised as far as possible and the effects of the High Street improvements, if any, will be seen once traffic flows and movements have normalised. Further adjustments can be made at this time if necessary.
Improvements		It is recommended the consideration of junction improvement options is made when the future development in the area is identified in the local plan, in order that the impact of the development can be taken into account in the designs.

Appendix E - Developer Funded Works

Appendix E1 - (Section 278 Works)

Developer Fun	ded Works (Section 278 Wo	orks) – <i>Contact C</i>	Officer Tom Harris	
File Ref.	Road Name	Parish	Description of Works	Current Status
TO003089	Cannon Lane Tonbridge	Tonbridge	Alteration of entrance to new McDonald site	Technical review underway
TO003086	Nepicar Park, Wrotham	Wrotham	New access and right turn lane	Works underway
TO003085	Rochester Road, Aylesford	Aylesford	New vehicle access to Vineyard	Works completed on maintenance
TO003084	751 London Road Larkfield	Larkfield	New vehicle access	Awaiting start date from developer
TO003082	Enterprise House Avebury Avenue Tonbridge	Tonbridge	2no vehicle crossovers to be altered	Awaiting details from developer
TO003081	St Katherine's School St Katherine's Lane Snodland	Snodland	Creation of new entrance to school	Awaiting details from developer
TO003080	Entrance to Prime Securities site from A26 Platt	St Mary's Platt	Junction Improvement	Awaiting details from developer
TO003079	Snodland Railway Station Forecourt	Snodland	Layout Improvement	Work complete
TO003077	Entrance to Ryarsh Quarry from Roughetts Road	Ryarsh	Entrance Improvement	Awaiting start date from developer
TO003076	Quarry Hill Road Borough Green	Borough Green	Provision of footways etc.	Awaiting details from developer
TO003068	Hermitage Lane/London Road, Aylesford	Aylesford	New signal controlled junction	Works underway

TO003059	Priory Works, Tonbridge	Tonbridge	New footway	Works underway
TO003058	Town Lock Medway Wharf Road Tonbridge	Tonbridge	New footway	Work started
TO003057	East Street , Snodland	Snodland	Entrance improvement	Awaiting details from developer
TO003054	Pilgrims Way T Junction	Aylesford	New central island and improved right turn lane	In maintenance period
TO003051	Pilgrims Way Footpath	Burham	New pedestrian link between split roads	In maintenance period
TO003050	Mercedes Site Vale Road Tonbridge	Tonbridge	New Entrance and seal off old entrance	Works complete on maintenance
TO003048	Area F1 Rougement	Kings Hill	Tie in works to new road	Works complete
TO003043	Court Road, Burham	Burham	Realignment of Court Road for Peters Village	In maintenance period
TO003041	Hall Road, Wouldham	Wouldham	New Pegasus crossing and roundabout	Currently under construction
TO003040	Peters Village East Bank Roundabout	Wouldham	New roundabout to Medway Crossing	Currently under construction
TO003026	Scott Road	Tonbridge	Alteration of turning head	Agreement signed works on going
TO003024	Carnation Close	East Malling	Alteration of turning head and creation of parking bays	In maintenance period
TO003023	Owen Close	East Malling	Alteration of turning head and creation of parking areas	In maintenance period

TO003022	Hardie Close	East Malling	New car park includes stopping up of existing road	In maintenance period
TO003021	The Pinnacle, Darenth Avenue	Tonbridge	Creation of bellmouth	In maintenance period
TO003000	Red Lion PH	Borough Green	New roundabout and access to development	Works complete

Appendix E2 - (Section 106 Works)

Developer Funde	ed Works (Section	106 Works) – Contact Offic	cer Louise Rowlands
Road Name	Parish	Description of Works	Current Status
M20J4	Leybourne	Widening of M20 junction 4 overbridge	Combined LGF/developer funded scheme under construction.
A20	Various	A20 Route Study between A228 and Coldharbour	Initial findings due end of May 2016
Tower View and A228	Kings Hill	Improvements to A228/Tower View roundabout	Awaiting Kings Hill phase 3 development
Teston Road	Offham	Environmental Improvement Scheme	Approved by parish council and implementation planned for Summer 2016
A228 Malling Road	Mereworth	Visibility improvements at A228 / Kent Street junction	Determination and costing of Offham scheme required to ensure overall funding capability of two identified schemes
Station Approach/A228 link road	West Malling	Improved interchange at West Malling Station	Scheme essentially complete
Various	Various	Study into feasibility of enhancing Route 151 bus service associated with Holborough development	S106 trigger point reached and discussions underway with developer and KCC Public Transport Team
Various	Various	Enhancement of Route 155 bus service associated with Peters	S.106 trigger point not yet reached

		Village development	
Various	Various	New bus services associated with Peters Village development	S.106 trigger point not yet reached
Various	Various	Traffic calming in Ryarsh and surrounding villages	Development currently stalled. S.106 trigger point not yet reached
Various	Various	Enhancement of Ryarsh bus services, one month bus pass for all new occupiers of the development and all residents of Ryarsh Parish	Development currently stalled. S.106 trigger point not yet reached
A228 and M20	Kings Hill	New express low emission bus services between Kings Hill and Maidstone town centre via West Malling Station and the M20	Due September 2016
A228 and A26	Kings Hill and Tonbridge	Additional school morning and afternoon low emission service between Kings Hill and Tonbridge Rail station	Bus service has commenced

Appendix F - Bridge Works

Bridge Works – Contact Officer Katie Moreton				
Road Name	Parish	Description of Works	Current Status	
		No Works Planned		

Appendix G – Traffic Systems

There is a programme of scheduled maintenance to refurbish life expired traffic signal equipment across the county based upon age and fault history. The delivery of these schemes is dependent upon school terms and holiday periods; local residents, businesses and schools will be informed verbally and by a letter drop of the exact dates when known.

Traffic Systems - Contact Officer: Toby Butler

Location	Description of Works	Current Status
No traffic signal refurbishment work being carried out this year		

Appendix H – Combined Member Fund

Member Highway Fund programme update for the Tonbridge and Malling District.

The following schemes are those, which have been approved for funding by both the relevant Member and by Roger Wilkins, Interim Director of Highways, Transportation and Waste. The list only includes schemes, which are

- in design, or
- at consultation stage, or
- about to be programme, or
- · have recently been completed on site.

The list is up to date as of 11 May 2016.

The details given below are for highway projects only. This report does not detail -

- contributions Members have made to other groups such as parish councils, or
- highway studies, or
- traffic/non-motorised user surveys funded by Members, or
- requests for tree planting to be funded by Members

More information on the schemes listed below can be found via Kent Gateway the online database for all Combined Member Grant schemes and studies, or by contacting the Schemes Planning and Delivery team.

Trudy Dean

Details of Scheme	Status
16-MHF-TM-4	
St Leonard's Street, West Malling, near St Leonard's Tower	
The objective of this scheme is to reduce the risk of personal injury crashes by emphasising the presence of the double bend and the public footpath that crosses the road at this point and encouraging drivers to travel at a speed appropriate to the conditions. This scheme will review existing signs and install new signs and markings as necessary.	Outline design in preparation.
15-MHF-TM-24	
Bellingham Way roundabout junction at New Hythe Lane (design and Indicative cost)	
The objective of the scheme is to provide outline design and indicative costs for proposed options regarding visibility to and from the roundabout.	Closed.
This application has been closed due to redevelopment in the area, which may result in changes to the highway.	

Sarah Hohler

Details of Scheme	Status
16-MHF-TM-3 Taylors Lane, Trottiscliffe 30 mph limit to be installed from the end of the existing 20mph zone to the bend in the road at Vigo Hill.	Traffic regulation order to be prepared and consultation
Scheme design has been approved by the member.	to be carried out.
16-MHF-TM-2	
Birling road	
Bollards to be installed on Birling road to help prevent heavy goods vehicles from parking up on the footway.	Works to be programmed.
Location has been approved by the member.	
Scheme has been handed over to the Operations team to install.	

Matthew Balfour

Details of Scheme	Status
The Street, Mereworth Proposed Parking Restriction (design and traffic regulation order) Mereworth, requested provision of a single yellow line and associated restricted waiting parking sign. The scheme was placed on hold until the latter part of September pending further consultation with local residents (undertaken by the Parish Council). The Engineer has been advised of the option the Parish Council and local residents wish to pursue (addition of road markings).	Awaiting member approval.
16-MHF-TM-8 A26, Hadlow, southwest of Carpenters Lane Installation of speed activated sign to warn drivers of a junction to the left.	KCC ITS team to procure sign and install sign. Location and type of sign has been agreed.
Ashes Lane Contribution Matthew Balfour has contributed to the funding of the 30mph limit extending up Ashes Lane.	Works ordered awaiting supply of signs.

Peter Homewood

Details of Scheme	Status
16-MHF-TM-6 (previously 15-MHF-TM-15) Bull Lane, Eccles – Installation of Zebra pedestrian crossing	
Minor amendments are currently being made to the detailed design, including confirming electrical connections. Local consultation with frontagers is due to take place in May and, if this raises no issues, construction should be programmed for later in the year.	In progress.
16-MHF-TM-7 (previously 14-MHF-TM-3)	
Hall Road Zebra pedestrian crossing upgrade. This application is to improve the conspicuous of the globes on the existing Zebra pedestrian crossing near the London Road junction. Traffic engineers are currently obtaining quotations for replacement globes.	In progress.

Valerie Dagger

Details of Scheme	Status
13-MHF-TM-9 Leigh Road, Hildenborough Traffic Calming	
Installation of traffic calming features and signs along Leigh Road near the school. Construction of this scheme is complete. Please note, this scheme is not connected to the resurfacing works recently undertaken in the same area, however, the recent micro surfacing works have affected the level difference between the plateau of the speed tables and the carriageway surface. The Resurfacing Team have returned to site to re-profile the tables and increased the level difference.	Complete.
14-MHF-TM-53	
B245 London Road/Tonbridge Road, speed limit reduction to 30 mph	Complete.
Installation of 30 miles per hour (mph) speed limit which includes revoking the existing 40mph speed limit order.	
14-MHF-TM-79	
Stocks Green Road, speed management/gateway improvements (speed limit order, design and indicative cost)	
Proposed reduction in speed limit from 60 to 40 miles per hour. Other measures to be investigated include provision of an advisory on-road cycle lane for commuter cyclists using the train station and installation of vehicle activated speed plus pedestrian/cyclist warning signs. A further meeting has taken place on site. The speed limit order process will commence. The design process for the traffic calming element of the scheme will commence pending approval by the County Member.	Works to be programmed.
No objections received from consultation for 40 limit. Sign locations to be determined with the contractor.	

14-MHF-TM-79	
Shipbourne speed management (traffic regulation order, design and indicative cost)	Complete.
Shipbourne speed management improvement investigation.	

Richard Long

Details of Scheme	Status
15-MHF-TM-21 and 22 (shared with Mr Chris Smith)	
Proposed at-grade zebra crossing for Hunt Road, between its junctions with Knight Road and Higham School Road	In progress.
Detailed design is under way, including road safety audit. Consultation to begin before then end of May 2016.	

Christopher Smith

Details of Scheme	Status
15-MHF-TM-21 and 22 (shared with Mr Richard Long)	
Proposed at-grade zebra crossing for Hunt Road (assessment, design and indicative cost)	See above.
See above.	

- 1.1 Legal Implications
- 1.1.1 Not applicable.
- 1.2 Financial and Value for Money Considerations
- 1.2.1 Not applicable.
- 1.3 Risk Assessment
- 1.3.1 Not applicable.